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Continuous Air Monitoring Projects IN PHILADELPHIA 1962-1965

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U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service

357

CONTINUOUS AIR MONITORING PROJECTS IN PHILADEPHIA 1962—1965

COMPILED BY
DIVISION OF AIR QUALITY AND EMISSION DATA

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Public Health Service
Consumer Protection and Environmental Health Service
National Air Pollution Control Administration
Cincinnati, Ohio
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PREFACE

The Continuous Air Monitoring Projects (CAMP) are the first large-scale effort to obtain comparable, continuous, and concurrent data on gaseous pollutant levels in the atmosphere above major American cities. A fundamental reason for the establishment of the program was the need for such data to augment research on the nature of air pollution and on its impact on man and his environment. The Public Health Service encourages interested research personnel to follow the many avenues of investigation opened by this information.

The CAMP master data files are maintained on magnetic tapes for electronic computer analysis. Copies of these tapes may be obtained by interested persons. Since data from the National Air Surveillance Networks, as well as large quantities of mortality, morbidity, meteorological, and socioeconomic data, are also available on magnetic tapes from various sources, the possibilities for computer analysis are almost limitless. Correspondence concerning the availability or use of CAMP data should be directed to the Chief, Division of Air Quality and Emission Data, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service, DHEW, 801 North Randolph Street, Arlington, Virginia 22203.

This publication presents the results of CAMP operation in Philadelphia during 1962, 1963, 1964, and 1965. Part 1 presents background information about the Philadelphia area to assist the reader in interpreting the data. Part 2 contains a brief summary of the data and the analyses currently available, with interpretation and discussion. Part 3 contains the data summary tables of hourly, daily, and monthly mean concentrations, facilitating the use of this volume as a reference.

Similar publications summarizing operations in Cincinnati, Ohio, and Washington, D. C., have been completed, and volumes for other cities are forthcoming. Additional reports containing subsequent data and specialized reports describing in detail specific analyses will be published. Studies of sample averaging times, of pollutant exposures, and of the ratios of peak to average concentrations are in progress.

ACKNOWLEDGMENT

The National Air Pollution Control Administration acknowledges with appreciation the many contributions of cooperating local agencies to the operation of the Continuous Air Monitoring Projects. In the publication of this volume particular appreciation is expressed to the Air Pollution Control Section of the Division of Environmental Health, Philadelphia Department of Public Health.

ABSTRACT

This report presents the results of the Continuous Air Monitoring Projects (CAMP) in Philadelphia, Pennsylvania, operated by the Public Health Service during 1962, 1963, 1964, and 1965. Data on the atmospheric levels of carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants are analyzed and discussed. To facilitate the use of this volume as a reference, the data are tabulated as hourly, daily, and monthly mean concentrations. Background information about Philadelphia and a description of the instrumentation used are included.

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CONTINUOUS AIR MONITORING PROJECTS

INTRODUCTION

Despite the estimate that as many as 6,000 urban areas in the United States are affected to some degree by air pollution, air quality measurements have been made in no more than a tenth of these communities.[1] Generally, these measurements are limited to particulate pollutants. Data from dustfall collectors and high-volume filter samplers are most frequently available, and measurements of soiling (COH or RUDS units)* are sometimes available.

In recent years the technical ability and legal authority to control the emission of particulate pollutants to the atmosphere have increased significantly, and a number of urban areas have made gratifying progress in reducing such pollution. During this period, however, public awareness of and official concern for the less obvious but more complex problems of gaseous pollution have grown. Communities that never have been notably concerned with particulate pollution are noticing increased evidence of photochemical smog in periodic episodes of decreased visibility, eye irritation, and plant damage.

Data on atmospheric concentrations of gases are even more limited than the sparse data on particulates. The National Air Sampling Network of the Public Health Service has measured sulfur dioxide and nitrogen dioxide in about 50 cities by means of 24-hour integrated samples, taken biweekly. Because of costs, routine use of more frequent gas sampling has been limited to the larger urban areas. The Public Health Service has measured intensively gaseous pollutants in some of the smaller urban areas during cooperative air pollution surveys,[2,3,4] but these programs were conducted for relatively short periods. Daily, 24-hour sampling programs are rare and have usually been restricted to collection of integrated samples of at least 2 hours duration, despite the knowledge that atmospheric concentrations of gaseous pollutants can change significantly within a few minutes.

Knowledge of the nature of atmospheric pollution by gaseous contaminants is restricted both by the scarcity of data and by differences among the several methods of sampling and analysis being used to determine the concentration of any single pollutant. These restrictions have hindered comparison and joint interpretation of the

*COH (Coefficient of Haze) units are based on the transmission of light through a soiled filter; RUDS (Reflectance Units of Dirt Shade) are based on the reflection of light by a soiled filter.

results of numerous studies. Furthermore, the lack of concurrent data on two or more gaseous pollutants handicaps studies of the more complex effects and interrelationships.

The need for continuous, concurrent data obtained on several gases by comparable methods in various communities was recognized some years ago. It was apparent that the requisite sampling program would be far more difficult than any previously attempted. Completely satisfactory instrumentation was lacking. The subject itself - rapid and concurrent variations of the various atmospheric pollutant levels - was little understood. The question of which pollutants could and should be measured was largely unanswered. Furthermore, few groups interested in air pollution could obtain the money or the manpower for such an undertaking.

In 1960, Congress provided impetus and financial support for a program capable of solving some of the problems concerning gaseous pollutants and their sampling. Public Law 86-493 directed the Public Health Service to accelerate research into the effects on human health of air pollutants from motor vehicles. Since such pollutants are largely gases, the Continuous Air Monitoring Projects were established to measure the concentrations of various gases in the ambient atmosphere. The necessary instrumentation was developed by the Public Health Service through a contract with a commercial firm, and the operation of the program was assigned to the Air Quality Section of the Laboratory of Engineering and Physical Sciences, Division of Air Pollution. The first station was opened in Cincinnati in October 1961, and by early 1962 six stations were operating. During 1962 and 1963, these six stations were located in Cincinnati, Chicago, Philadelphia, New Orleans, San Francisco, and Washington, D. C. The instruments at the New Orleans station have subsequently been moved to St. Louis, and those at San Francisco to Denver. Each station is equipped to monitor and record, automatically, 24 hours a day, the ambient concentrations of six common gaseous pollutants: carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants. The stations are operated in cooperation with local air pollution control agencies. Data similar to those obtained in the CAMP operations have also been obtained in Detroit, New York, and Los Angeles at stations provided and operated by local groups.

Additional continuous air monitoring facilities are being included in some state and municipal programs initiated or enlarged with the assistance of Federal grants. These funds for control program grants provided under the Clean Air Act of 1963, totaled $5,000,000 in fiscal year 1966, $7,318,000 in fiscal year 1967, and $18,647,000 in fiscal year 1968.

Insofar as practicable, CAMP station locations are comparable; each station is located in or near the principal business district of the city and away from

significant point sources. Since a CAMP station constitutes only one sampling site in a given community, the measured levels are specific only for the immediate vicinity of the station; still, the data are useful in studies of the broad patterns of temporal variations and pollutant interrelationships affecting the entire urban area. Available information indicates that data from the present stations are representative of at least the central business districts of the cities.

OBJECTIVES

CAMP has two related objectives: (1) to increase knowledge of the nature of air pollution by providing information heretofore unavailable, i.e., comparable, continuous, concurrent data on significant gaseous pollutants from a number of urban areas; and (2) by providing such information, to stimulate necessary investigation and control of pollution. In fulfillment of these objectives, CAMP data have been made available through abbreviated interim summaries since the inception of the program. Sufficient information has now been accumulated to warrant the presentation and the initial interpretations given in this series of reports. The increased availability of this information, through these publications and in subsequent more detailed publications, should encourage its application to many problem areas.

Information provided by CAMP makes possible the intracommunity study of the concurrent variations of several gaseous pollutants and their effects. Analysis of CAMP data has already revealed significant photochemical reactions in communities outside of California, and further investigation of this phenomenon is anticipated. The data are being used in conjunction with meteorological data in mathematical diffusion models, in studies of the effect of large, single sources of pollution on ambient concentrations, and in differentiation of temporal and geographic pollutant patterns.

An understanding of the impact of air pollution on man and his environment requires knowledge of the diurnal and seasonal variability of pollutant levels. In the field, CAMP data can be used in epidemiological studies of health effects. In the laboratory, the data are used in the selection of realistic pollutant concentrations and combinations for exposures of animals and plants. Pollution effects and behavior can also be examined in terms of various time-concentration arrays. In addition, CAMP data provide information necessary for the evaluation of proposed air quality criteria and of the impact of implementing such criteria through air conservation programs.

Techniques for assaying air quality must be developed and improved. Information on relationships of peak to average concentrations over various periods of time may provide guidance for optimum use of continuous and integrating instruments. Similarly, studies of pollutant interrelationships may indicate that one pollutant,

or a combination of a few pollutants, can provide a good index to the behavior of others. Either of these factors could affect both the type and the cost of air quality measurements.

PART 1. PHILADELPHIA, PENNSYLVANIA

This discussion of the nature of the Philadelphia area is included so that features unique to this area can be considered in interpretations of the data in Part 2.

TOPOGRAPHY AND LAND USE

The city of Philadelphia is located in southeastern Pennsylvania at the confluence of the Schuylkill and Delaware Rivers. The city, co-extensive with Philadelphia County, occupies 127 square miles and ranges in elevation from essentially sea level at the Delaware River front to a maximum of 430 feet in the northwestern corner of the city. The terrain rises more or less gradually to the north and northeast and to the west across the Schuylkill River to elevations of around 200 feet in largely residential suburban areas. The northwest section, also residential, includes both the maximum elevation of 430 feet and the deep valleys of the Schuylkill River and of Wissahickon Creek, which flows southward to the Schuylkill River. The land across the Delaware River in New Jersey, south and east of Philadelphia, is low and quite flat.

Heavy industry, concentrated along the Delaware and the lower Schuylkill Rivers, borders the low, flat peninsula on which the downtown area is situated. Industrial plants located along both sides of the Delaware River from Trenton, New Jersey, to Wilmington, Delaware, constitute in this 55-mile corridor passing through Philadelphia one of the nation's ten largest concentrations of industrial activity.

Philadelphia is the nucleus of the fourth largest Standard Metropolitan Statistical Area (SMSA) in the U.S. This area includes Bucks, Chester, Delaware, and Montgomery Counties in Pennsylvania and Burlington, Camden, and Gloucester Counties in New Jersey. At the time of the 1960 census, 4,342,879 persons lived in this 3549-square-mile area. The city of Philadelphia occupies 3-1/2 percent of this area and contains 47 percent of the population in the SMSA. Table 1-1 gives statistics for the City of Philadelphia and for the SMSA and the Urbanized Area* of which Philadelphia is the center and comparative statistics for a number of other

*Urbanized Area includes adjacent incorporated areas of at least 2500 persons and adjacent unincorporated census tracts having a population density of 1000 or more persons per square mile.

Table 1-1. COMPARATIVE URBAN STATISTICS[5,6]

City	Population			Housing			Private autos available, cars/mi^2	Median family incomes, $
	Area, mi^2	Total	Density, persons/mi^2	Density, units/mi^2	Single units, %	< 10 yr old, %		
Philadelphia								
City (Incorporated area)	127	2,002,512	15,743	5,102	73.6	11.1	3,141	5,782
Urbanized area	597	3,635,228	6,092	1,805	79.5	21.8	1,542	6,437
SMSA	3,549	4,342,897	1,224	376	81.0	23.6	326	6,433
Other selected cities: incorporated area							Urbanized Area	
Baltimore	79	939,024	11,886	3,670	70.5	14.0	1,572	5,659
Boston	48	697,197	14,586	4,990	16.4	5.4	1,246	5,747
Chicago	224	3,550,404	15,836	5,464	21.4	10.2	1,644	6,738
Cincinnati	77	502,550	6,501	2,220	37.4	11.2	1,174	5,701
Denver	71	493,887	6,956	2,450	65.6	27.9	1,804	6,361
Detroit	140	1,670,144	11,964	3,960	60.1	10.1	1,523	6,069
Los Angeles	455	2,479,015	5,451	2,060	59.8	30.6	1,878	6,896
New Orleans	199	627,525	3,157	1,020	49.5	17.4	773	4,810
New York	315	7,781,984	24,697	8,750	13.3	12.8	1,720	6,091
St. Louis	61	750,026	12,296	4,320	35.2	6.9	1,462	5,355
San Francisco	45	740,316	15,553	6,960	35.5	8.4	1,458	6,717
Washington, D. C.	61	763,956	12,442	4,280	40.1	15.8	1,520	5,993

major cities.

The total work force in the Philadelphia SMSA is over 1.6 million persons, of whom about one-third (588,494) are engaged in the manufacture of consumer or industrial products. The distribution of manufacturing employment by broad industrial classes is presented in Table 1-2.

Table 1-2. MANUFACTURING EMPLOYMENT IN PHILADELPHIA STANDARD METROPOLITAN STATISTICAL AREA (8 Counties), ACCORDING TO 1960 CENSUS7

Industrial class	Employees	Phil., % of U.S.
Electrical machinery	68,068	4.6
Apparel and related products	54,810	4.4
Food and kindred products	53,461	3.0
Fabricated metal products	52,349	4.6
Machinery, except electrical	48,959	3.3
Printing and publishing	43,151	4.7
Chemical and allied products	40,261	4.9
Miscellaneous durable goods	38,668	-
Primary metal products	34,940	2.8
Textile mill products	32,171	3.5
Transportation equipment, except motor vehicles	27,690	3.2
Petroleum and coal	13,900	6.6
Motor vehicles and equipment	13,228	1.8
Furniture, lumber, and wood products	10,039	1.0
Miscellaneous non-durable goods	56,799	-
Total, manufacturing	588,494	3.5
Total, all employment, except agriculture	1,645,225	3.04

PRINCIPAL SOURCES OF AIR POLLUTION

The major pollutant sources of the Philadelphia area can be grouped into eight categories: (1) electric power generation plants, (2) other large fuel-burning industries, (3) petroleum refineries and petrochemical industries, (4) other chemical industries, (5) metals refineries, (6) refuse burning, (7) automobiles, and (8) space heating.

The Philadelphia Electric Company operates eight electric generating plants in the greater Philadelphia area. Coal is the major fuel, supplying 90 percent or more of the energy at all except the Barbados plant (45 percent gas) and the Schuylkill plant (100 percent oil)*. The sulfur content of the coal and oil is

*Base year: 1963.

from 2 to 3 percent. Three plants (Delaware, Schuylkill, and Southwark) are relatively close to the downtown area. The principal pollutants emitted from these electric generating plants are oxides of sulfur, oxide of nitrogen, and particulate matter. High-efficiency collectors on the coal-fired plants within the city limits catch most of the particulates, yet at each plant the remaining fraction emitted amounts to several tons of fly ash daily.

Petroleum refineries, oil storage tank farms, and petrochemical industries are distributed along the Delaware River from Petty Island, north of Camden, southward to below Chester and are concentrated near the confluence of the Schuylkill and Delaware Rivers (see Figure 1-1). Six major petroleum processors in the greater Philadelphia area collectively employ over 11,000 persons and account for approximately 8 percent of the nation's petroleum refining. The principal emissions from petroleum processing are hydrocarbons and oxides of sulfur. Smaller amounts of carbon monoxide, nitrogen oxides, aldehydes, organic acids, ammonia, and particulate matter are emitted.

Diverse chemical industries and allied industries, other than petrochemical, account for a large portion of manufacturing in the greater Philadelphia area and along the Delaware River above and below the city. The more than 40,000 persons

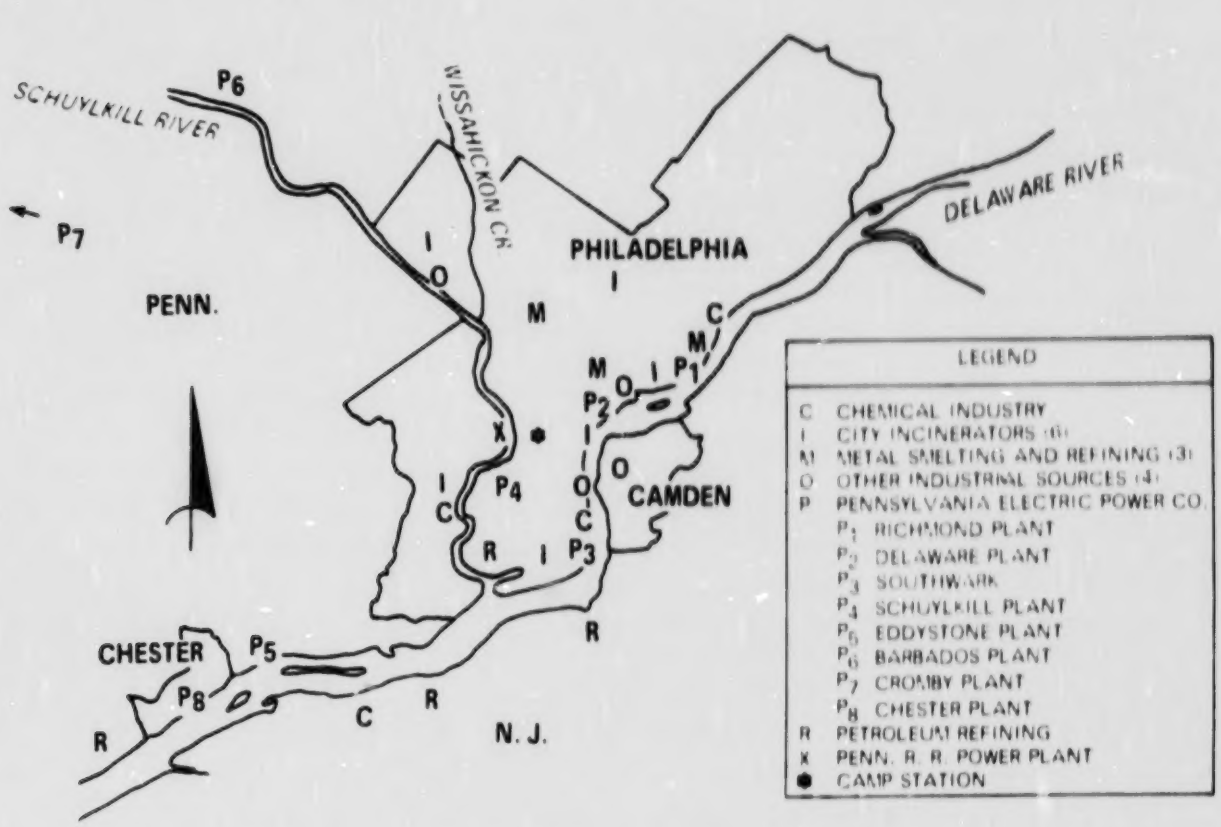

Figure 1-1. Principal sources of air pollution in the greater Philadelphia area.

employed in these industries represent almost 7 percent of the total employment in the eight-county area (Table 1-2). Emissions are primarily dust and vapors, which are occasionally odorous.

The metal industries, concentrated around two areas north of the downtown area, include grey iron foundries, secondary copper and lead smelting, and alloy production. Emissions include metal fumes, sulfur dioxide, dusts, and odors varying with the process involved. In the remaining major category of industrial sources are plants, such as sugar refining, container manufacturing, and metal fabricating, whose emissions are primarily associated with fuel burning rather than with process losses. Many of these are located along or near the Delaware River.

Burnable refuse and garbage are disposed of in six city incinerators, the locations of which are indicated in Figure 1-1. Together these incinerators handle approximately 3000 tons of material per day.

The sources southwest of the central business district are important because about 37 percent of all winds and about 44 percent of winds below 7 mph blow from this southwest quadrant.

METEOROLOGY

Pollutant concentrations in the atmosphere depend not only on the amount of pollution emitted, but also on the extent to which the pollutants are diluted or dispersed in the atmosphere. This in turn depends on the climate and meteorology of the area.

The climate of the Philadelphia area is influenced by the proximity of the Delaware Bay and the Atlantic Ocean. Periods of extended cold weather are relatively rare, and no reading of zero degrees Fahrenheit or below has occurred since January 1936. Periods of unusually high or low temperatures seldom last more than 3 or 4 days. During the summer months, increased humidity caused by prevalent maritime air adds to the discomfort suffered by the population. Extensive fog occurs about ten times a year, usually during the fall and winter. Local fog near the river and over low elevations occurs about 30 times a year. The prevailing wind is from the southwest during the summer and from the northwest during the winter.

The extent of horizontal dilution and dispersion of air pollutants is determined primarily by surface wind speed. Average wind speeds and prevailing directions by month and by season for the 3-year period 1962 through 1964 are presented in Table 1-3. For comparison, corresponding monthly averages for the 23 years preceding 1964 are included. As determined by average wind speeds, the gross capacity for horizontal dispersion in Philadelphia is relatively better in winter and spring than in summer and fall. A detailed analysis by Francis K. Davis

Table 1-3. HORIZONTAL DISPERSION CHARACTERISTICS FOR PHILADELPHIA

	Monthly mean wind speeds, mph												
	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Year
1962	7.7	9.5	12.8	11.1	9.1	7.5	7.3	6.8	7.7	7.6	10.0	11.2	9.2
Predominant direction	WSW	N	N	WSW	WSW	WSW	WSW	S	ENE	N	ENE	WSW	WSW
1963	8.6	10.8	10.1	10.9	9.7	8.2	7.7	7.8	9.0	8.0	10.3	9.1	9.2
Predominant direction	NW	WSW	WSW	WNW	WSW	WSW	WSW	WSW	WSW	WSW	WSW	WNW	WSW
1964	11.0	11.6	10.6	9.6	9.5	8.4	8.1	7.9	9.6	8.0	8.4	8.8	9.3
Predominant direction	WSW	NW	WNW	ENE	SW	WSW	SW	SW	SW	WSW	SW	S	SW
23-year[a]	10.2	11.0	11.6	11.2	9.6	8.8	8.1	7.7	8.1	8.8	9.6	10.0	9.6
Predominant direction	WNW	NW	N	SW	WSW	WSW	WSW	SW	SW	WSW	WSW	WNW	WSW

	Seasonal mean wind speeds, mph			
	Winter	Spring	Summer	Fall
3-year	9.8	10.4	7.7	8.7
23-year[a]	10.4	10.8	8.2	8.8

[a]From 'Local Climatological Data,' 1963 summary for Philadelphia, U.S. Weather Bureau.

of weather records for Philadelphia indicates that poorest diffusion conditions occur in late summer and early fall and are usually associated with southwesterly winds of less than 8 mph.[8] These winds cross much of the concentrated industrial area before reaching densely populated residential areas north of the central business district.

No data suitable for evaluation of monthly or seasonal variations in vertical mixing are available. However, because of their fundamental influence on pollutant concentrations, the meteorological conditions governing vertical mixing characteristics must be considered.

The extent of vertical dispersion of pollutants is determined by the stability of the atmosphere, i.e. the degree of turbulent mixing in the air mass. This in turn depends on the temperature gradient in the lowest layer of the atmosphere. If the temperature decreases with altitude at a rate greater than 5.4°C per 1000 feet (the dry adiabatic lapse rate), the atmosphere is unstable and turbulent mixing occurs. If the temperature decreases less than 5.4°C per 1000 feet or increases with height, the atmosphere is stable; and with the exchange of air between the surface and the upper levels suppressed, vertical mixing is inhibited.

The atmosphere is usually unstable during daylight hours. When low-lying air is warmed by the earth's surface it rises and allows cooler upper air to sink in its place. The convection currents produced distribute gaseous pollutants throughout the mixing layer, and the effective depth of this mixing layer determines the degree of vertical dilution. The depth of this layer, determined by the vertical temperature profile, generally is greatest in the afternoon. In Philadelphia, the maximum mixing depth is estimated to range from 4000 feet in summer to about 1270 feet in winter.

During the night, when the earth's surface cools, the decrease in air temperature with altitude usually is less than during the day; thus, vertical mixing is reduced correspondingly. After sunset, heat frequently radiates from the surface of the earth so rapidly that the temperature gradient swings to the stable side of the adiabatic lapse rate and may even become "inverted," i.e. the lower air may become cooler than the upper air. Such a "radiation inversion" is very stable and essentially prevents any vertical dispersion until the inversion is dissipated by the warming of the earth's surface the next morning.

Vertical dilution may also be inhibited when a high pressure system stagnates over the area. These systems affect the eastern United States most frequently in the autumn. In a stagnating high pressure system, the upper air generally is subsiding to lower altitudes. Warmed as it descends, this air forms a layer over the cooler surface air. The "subsidence inversion" thus produced, in contrast to the

nocturnal radiation inversion, may not entirely dissipate during daylight hours and, on occasion. may persist for several days. During periods of such atmospheric stagnation, pollutant concentrations often reach record levels. The U.S. Weather Bureau issues forecasts of meteorological conditions conducive to formation of stagnating high pressure systems likely to persist long enough to cause accumulations of atmospheric pollutants.[9] The Philadelphia area was included in forecasts of eight such conditions for periods totaling 19 days during the 4-year period 1962 through 1965 (Table 1-4). These conditions often last 2 to 3 days.

Table 1-4. AIR POLLUTION POTENTIAL ADVISORIES THAT INCLUDED PHILADELPHIA AREA, 1962-1965

Date	No. of days
Oct. 2-4, 1962	2
Nov. 29 - Dec. 4, 1962	5
June 24-25, 1963	1
July 26-28, 1963	2
Oct. 21-22, 1963	1
Oct. 25-27, 1963	2
Sept. 7-10, 1964	3
Oct. 18-21, 1965	3
Total days	19

Figure 1-2 shows the cumulative patterns of occurrence of these stagnations over the eastern U.S. since the beginning of the forecast service in October of 1960. Periods during which pollutant concentrations reached particularly high levels are discussed under "Incidents of High Pollution."

AIR POLLUTION CONTROL ACTIVITIES

The 1948 Donora episode was the stimulus for initation of a program of air pollution control in Philadelphia. The Philadelphia Home Rule Charter, adopted in 1952, gave to the city increased opportunity and responsibility for control, and by 1954, concern among civic, industrial, and business groups led to a new Air Pollution Control Ordinance. The city's Department of Public Health was given broad responsibilities to investigate complaints, to abate nuisances and hazards, and to examine plans and specifications for new or remodeled equipment considered to be potential pollution sources. The ordinance was followed by a series of specific regulations for control of a number of air pollution problems.

Figure 1-2. Days of stagnation included in air pollution potential forecasts October 1960 – December 1964, Eastern United States.

The air pollution control function of the Philadelphia Department of Public Health has responsibility in three areas: (1) routine inspections and investigations of complaints and violations; (2) engineering evaluations and consultations on equipment installations, permit applications, and industrial process emissions; and (3) laboratory functions including air and source sampling, and requisite chemical analyses. Routinely published summaries of air pollution control activities include information on measurement, investigation, and control of air pollution in Philadelphia.

Figure 1-3 shows the location of 13 sampling sites in periodic use since 1960. Figures 1-4 through 1-6 show the general distributions of suspended particulates, settled dust, and sulfation, respectively, based on measurements and knowledge of sources. Annual average concentrations of these measurements are shown in Figure 1-7.[10]

CAMP STATION SITE

The building housing the Philadelphia CAMP instruments (Figure 1-8) is located on the grounds of the Franklin Institute, at 2031 Race Street, approximately eight blocks northwest of the center of the city (Figure 1-9). Two major traffic arteries pass within 500 feet to the north and east of the station: Benjamin Franklin Parkway, which carries an average of 32,000 vehicles per day, and Vine Street, which is below grade at this point and which carries an average of 52,000 vehicles per day. The neighborhood adjacent to the Franklin Institute is composed of private row houses, apartment buildings, and some small office buildings.

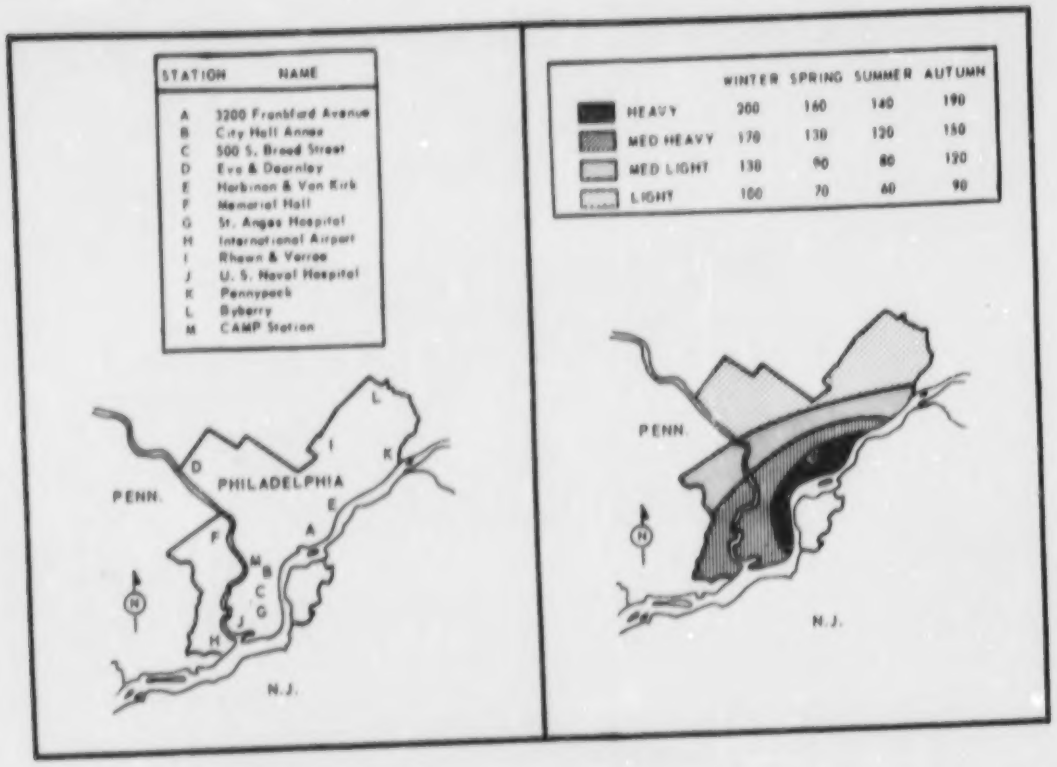

Figure 1-3. Air monitoring sites.

Figure 1-4. Estimated seasonal intensities of suspended particulates, µg/m3.

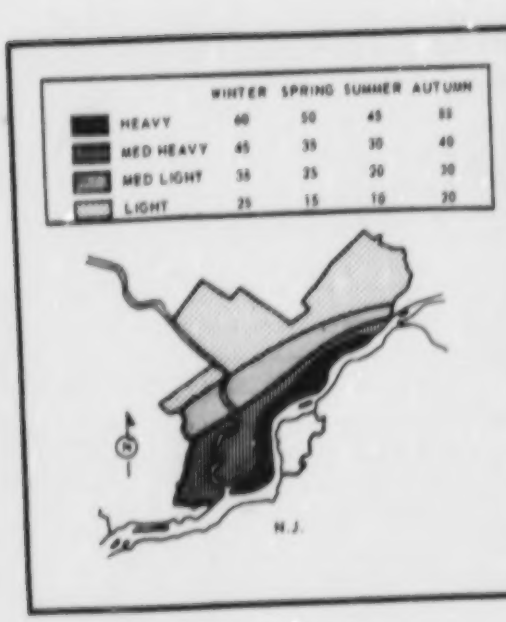

Figure 1-5. Estimated seasonal intensities of settled dust, tons/mi2 per month.

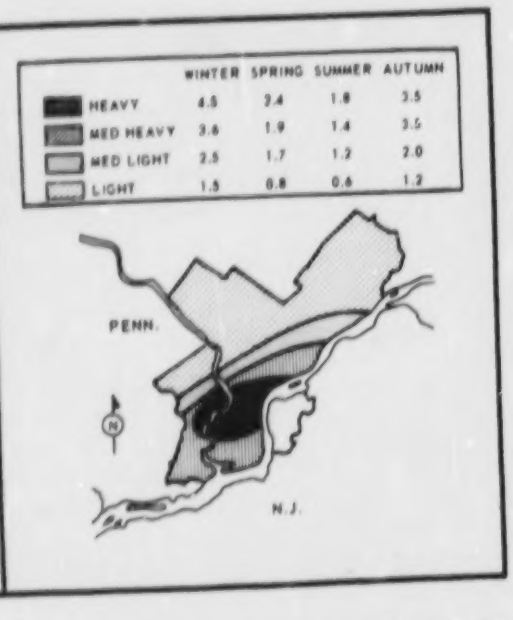

Figure 1-6. Estimated seasonal intensities of sulfation rate, mg/SO3/100.

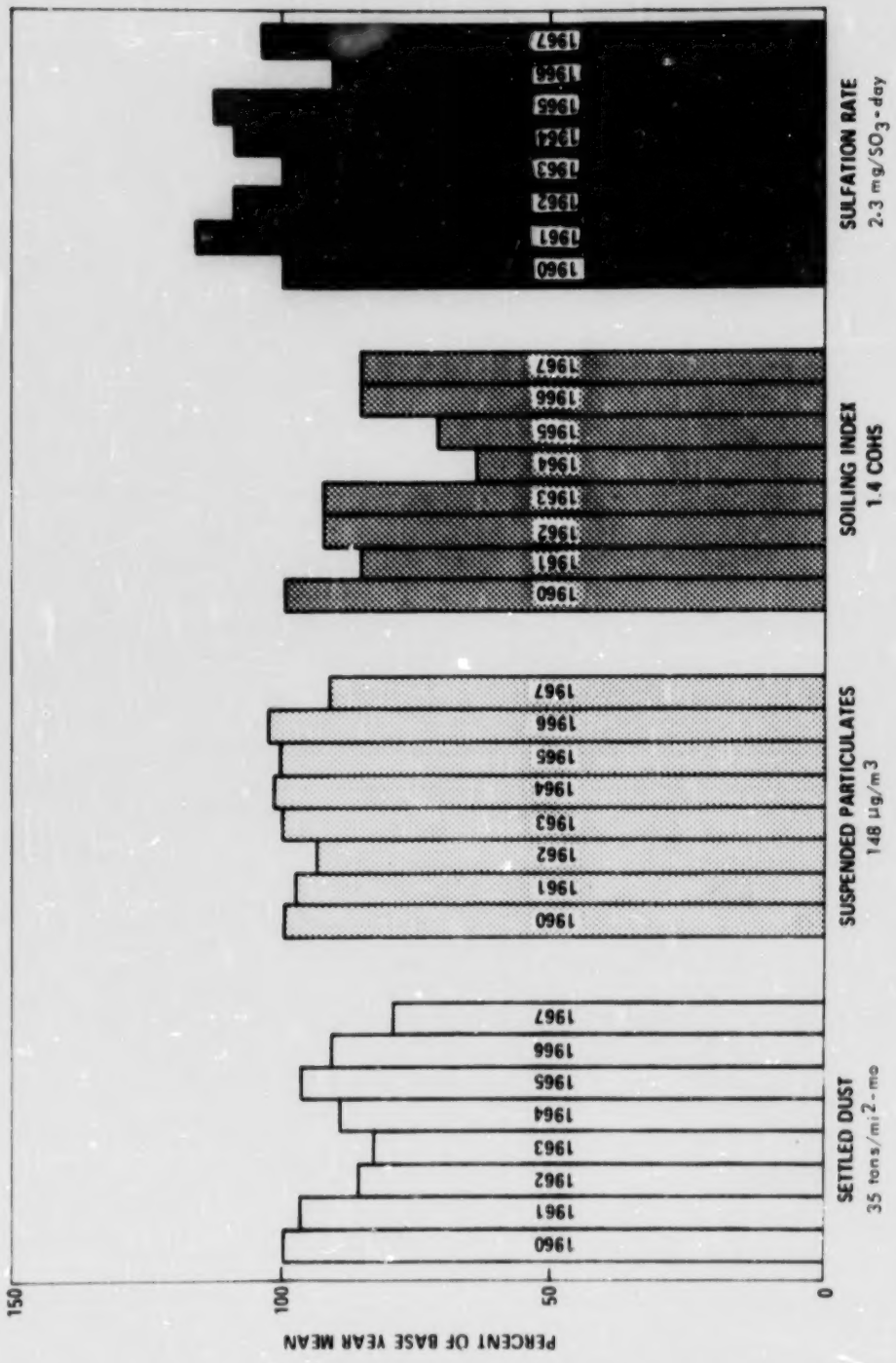

Figure 1-7. Air pollution and its control in Philadelphia.

Figure 1-8. CAMP Philadelphia air monitoring station, located at 2031 Race Street.

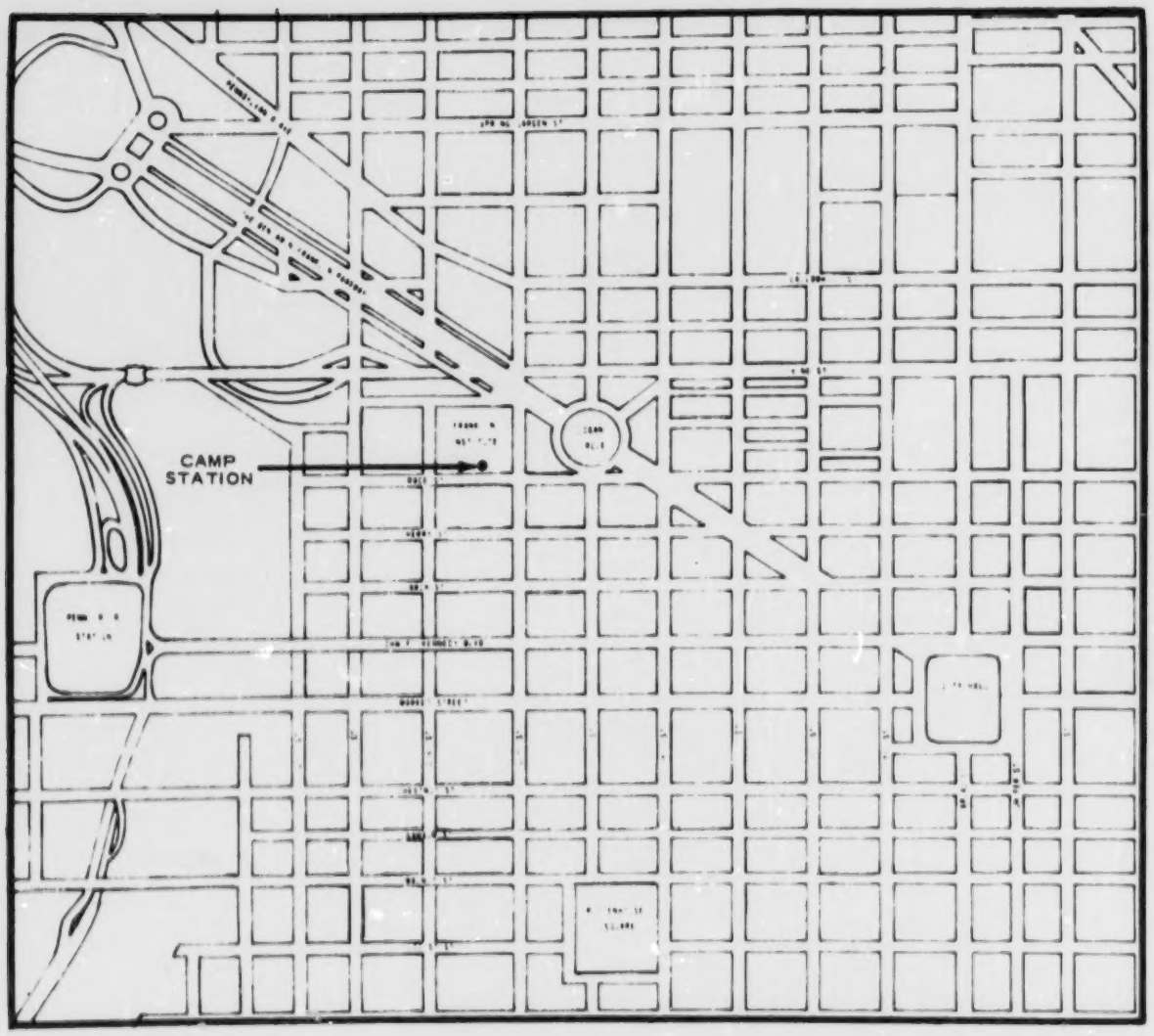

Figure 1-9. Map of central Philadelphia showing location of CAMP station.

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PART 2. RESULTS AND ANALYSES

POLLUTANT LEVELS

The basic CAMP data on gaseous pollutants are neither precisely instantaneous atmospheric concentrations nor 5-minute average levels. The measurements represent instantaneous values of the instrument responses recorded at 5-minute intervals. Each of these instantaneous values, however, reflects some degree of sample integration inherent in the operating characteristics of the instrument systems.

During the period 1962 through 1965, more than 1-1/2 million valid 5-minute measurements of the concentrations of six gaseous pollutants were taken at the Philadelphia CAMP station. In addition, 2-hour soiling index values were collected from 1963 through 1965. Measured concentrations of the gaseous pollutants ranged from maximum values of 5 to 65 times the 4-year average levels to minimum values below the sensitivity of the instruments. Table 2-1 shows the maximum average concentrations for different intervals and the mean for the 4-year period. Data on some pollutants for some months in 1962 are missing because not all instruments

Table 2-1. AIR POLLUTANT LEVELS AT PHILADELPHIA CAMP STATION, 1962 - 1965

	Maximum measured 5-minute concentration	Maximum hourly average concentration	Maximum daily average concentration	Arithmetic mean concentration
Sulfur dioxide, ppm Conductometric analysis	1.25	1.03	0.46	0.080
Nitric Oxide, ppm colorimetric analysis	1.72	1.57	0.73	0.045
Nitrogen dioxide, ppm colorimetric analysis	0.37	0.32	0.14	0.038
Total hydrocarbon, ppm C flame ionization analysis	17	13	6	2.36
Carbon monoxide, ppm infared analysis	67	54	25	7.53
Total oxidant, ppm 1962-63[a]	0.13	0.11	0.05	0.008
KI analysis 1964-65[b]	0.35	0.33	0.09	0.026
Soiling index, Coh/1000 ft 1963-65	-	8.1 (2-hr)	5.25	1.29

[a]Oxidant data for this period are not corrected for a negative interference caused by sulfur dioxide. (See Appendix A).

[b]Sulfur dioxide interference has been eliminated from oxidant measurements in 1964 and 1965 data.

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were put into operation at the same time. No data were collected in most of May and June and, in come cases, part of July of 1965 because the station was being moved about 40 feet to make room for construction work.

The arithmetic mean of all hourly average SO_2 concentrations measured during 1962 through 1965 was 0.080 ppm. Of the 25,841 valid hourly averages in this 4-year period, 2 percent were 0.40 ppm or more, 1 percent were 0.47 ppm or more, and 0.1 percent, or 26 hourly averages, were 0.69 ppm or more. The highest hourly average, 1.03 ppm, occurred during a 48-hour period of restricted ventilation that had been predicted by the U.S. Weather Bureau's Air Pollution Potential Forecast for October 2 through 4, 1962.

In "Air Quality Criteria for Sulfur Oxides,"[11] the following values are given as those at and above which adverse effects on health may occur:

Averaging interval	SO_2 concentration, ppm	
	Maximum	1 percentile
24 hours	0.05-0.08	0.04-0.06
1 hour	0.12-0.20	0.05-0.11
5 minutes	0.12-0.50	0.05-0.14

With these values, an annual average of about 0.015 ppm can be expected. The report acknowledges that special circumstances may produce higher extreme values without noticeably raising the annual average. However, at the Philadelphia station where the maximum values for the several averaging times are at least five times the listed levels, the annual average of 0.080 ppm is correspondingly greater than the listed annual average of 0.015.

Nitric oxide concentrations during the 4-year period averaged 0.045 ppm. Of the 25,974 valid hourly averages of nitric oxide measurements, 2 percent were 0.23 ppm or more, 1 percent were 0.33 ppm or more, and 0.1 percent, or 26 hourly averages, were 0.75 ppm or more. The highest hourly average concentration of nitric oxide, 1.57 ppm, occurred on the evening of November 30, 1962, the second day of a 5-day Air Pollution Potential Forecast period.[12]

The arithmetic mean of all hourly average NO_2 concentrations for 1962 through 1965 was 0.038 ppm. Of the 27,074 valid hourly averages in this 4-year period, 2 percent were 0.09 ppm or more, 1 percent were 0.11 ppm or more, and approximately 0.1 percent, or 28 hourly averages, were 0.19 ppm or more. The highest hourly average nitrogen dioxide level, 0.32 ppm, occurred on February 6, 1963. The variation in the nitrogen dioxide values is strikingly smaller than that in the nitric oxide values.

The mean of the hourly average concentrations of total hydrocarbons for the period January 1963 through December 1965 was 2.3 ppm. In these 36 months of

19,955 valid hourly averages, 2 percent were 5 ppm or more, 1 percent were 6 ppm or more, and approximately 0.1 percent, or 31 hourly averages, were 9 ppm or more. The highest hourly average concentration was 13 ppm.

Carbon monoxide data are limited for 1962 and 1963; less than 2000 valid hourly averages were recorded, primarily in December, 1962, and in a few scattered months in 1963. Data for 1964 and 1965 are fairly complete. The average of the 13,132 valid hourly averages recorded in the latter 2 years is 7.5 ppm. Two percent of the valid hourly averages were 19 ppm or more, 1 percent were 22 ppm or more, and the highest hourly average was 54 ppm.

The data for total oxidant fall into two categories. Measurements taken in 1962 and 1963 were affected to a certain extent whenever SO_2 was present, since SO_2 causes a negative instrument interference. When this interference resulted in an apparent zero oxidant level, measurements could not be corrected. Since January 1964, a chemical prefilter has been used to remove the interfering SO_2 from the sampled air (see Appendix A). Although summaries of the total oxidant data for 1962 and 1963 are included in Part 3, since they may serve as indicators of relative seasonal levels and diurnal variations, the 1964 and 1965 data provide a better picture of actual oxidant concentrations. Of the 12,469 valid hourly average concentrations in 1964 and 1965, 2 percent were 0.11 ppm or more, 1 percent were 0.14 ppm or more, and the highest hourly average was 0.21 ppm. The average of the oxidant concentration measurements for 1964 and 1965 is 0.26 ppm.

Since oxidant concentration is strongly dependent upon sunlight, it may be useful to consider daytime and nighttime averages separately. The daytime (0600 to 1800 hours) average oxidant concentration for 1964 and 1965 was 0.034 ppm; the nighttime (1800 to 0600 hours) average was 0.021 ppm. This dependence of oxidant concentrations on sunlight is discussed in more detail later.

Table 2-2 shows the number and percent of valid data days in 1964 and in 1965 during which at least one hourly average oxidant concentration equalled or exceeded 0.15, 0.10, and 0.05 ppm, respectively.

Table 2-2. NUMBER OF DAYS HAVING MAXIMUM HOURLY OXIDANT EQUAL TO OR GREATER THAN INDICATED CONCENTRATION, 1964 and 1965

	Concentration						Days of valid data
	0.15 ppm		0.10 ppm		0.05 ppm		
	Number of days	Percent of valid days	Number of days	Percent of valid days	Number of days	Percent of valid days	
1964	9	3	37	13	124	43	289
1965	4	2	23	9	110	42	261

Because of the relocation of the station, as previously mentioned, no measurements were taken during most of May, June, and, in the case of some pollutants, July, 1965. The apparent drop in incidence of high oxidant concentrations in 1965 is probably due to this interruption during the season when oxidant concentrations are high, rather than to a real decline in incidence.

Tables 2-3 through 2-8 are frequency distributions of 5-minute concentrations of sulfur dioxide, nitric oxide, nitrogen dioxide, total hydrocarbon, total oxidant, and carbon monoxide.

In Figure 2-1, distributions of pollutant concentrations in Philadelphia are compared with those at other CAMP stations. The interpretation of frequency distributions such as those used in Figure 2-1 is explained in Appendix A. Distributions are graphed for 1962 through 1965, except in the oxidant graph which incorporates only 1964 and 1965 data. Levels of sulfur dioxide and of carbon monoxide at the Philadelphia station were second only to those at Chicago. Concentrations of NO and of total hydrocarbons are intermediate with respect to those at other CAMP locations. NO_2 concentrations are above the median. The oxidant curves for all sites except San Francisco are closely grouped, but Philadelphia's is one of the highest.

VARIATIONS IN POLLUTANT LEVELS

The mean concentrations of the pollutants, listed in Table 2-1, give only a partial picture of air quality in Philadelphia. Variations in concentrations with time are equally important. Two underlying cycles in pollutant concentrations, the long-term seasonal cycle and the daily or diurnal cycle, are products of the combination of changes in rates of pollutant emission with changes in rates of dilution, dispersion, and assimilation. The long-term seasonal cycle is apparent in the graphs of the monthly means for 1962 through 1964 (Figure 2-2). The monthly means are shown as percentages of the 4-year mean to emphasize the patterns of variation. The actual concentrations of the pollutants are discussed in detail later.

Nitric oxide and oxidant show the most prominent seasonal cycles. Nitric oxide reaches its highest levels during the winter and diminishes through the summer. In contrast, the concentrations of total oxidant reach a maximum in the summer when solar energy flux is greatest. The average oxidant concentration for the 1962 through 1963 period is lower than for 1964 and 1965 as a consequence of the previously mentioned negative interference from SO_2. Consideration of the monthly oxidant means as percents of the average concentrations permits comparison of the patterns of seasonal variation for all four years. The seasonal variations in NO_2, CO, and hydrocarbon concentrations are less pronounced than others. The NO_2 concentration tends to be somewhat smoothed by compensating atmospheric reactions,

Table 2-3. FREQUENCY DISTRIBUTION OF SULFUR DIOXIDE CONCENTRATIONS

		Percent of valid data	ppm									
			Minimum	Frequency distribution, %							Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99	
1962	January	0										-
	February	95	0.00	0.04	0.07	0.10	0.15	0.27	0.33	0.41	0.47	0.85	0.13
	March	70	0.00	0.04	0.06	0.07	0.09	0.17	0.24	0.35	0.45	0.68	0.09
	April	89	0.00	0.02	0.03	0.06	0.11	0.25	0.32	0.45	0.54	1.02	0.10
	May	80	0.00	0.01	0.03	0.04	0.09	0.21	0.30	0.45	0.58	1.10	0.09
	June	86	0.00	0.00	0.02	0.04	0.08	0.22	0.31	0.48	0.62	0.77	0.08
	July	90	0.00	0.01	0.03	0.05	0.09	0.20	0.27	0.38	0.45	1.12	0.08
	August	71	0.00	0.00	0.01	0.03	0.07	0.15	0.22	0.33	0.42	0.82	0.06
	September	88	0.00	0.02	0.03	0.04	0.07	0.19	0.28	0.44	0.59	0.79	0.08
	October	93	0.00	0.01	0.02	0.03	0.06	0.20	0.28	0.42	0.53	1.25	0.08
	November	69	0.00	0.03	0.03	0.04	0.10	0.22	0.29	0.37	0.44	0.69	0.09
	December	94	0.00	0.00	0.01	0.03	0.06	0.21	0.27	0.35	0.41	0.60	0.07
	Year 1962	77	0.00	0.01	0.03	0.05	0.09	0.21	0.29	0.40	0.49	1.25	0.086
1963	January	94	0.00	0.00	0.01	0.02	0.03	0.16	0.28	0.41	0.49	0.99	0.05
	February	84	0.00	0.00	0.01	0.02	0.04	0.18	0.30	0.42	0.48	0.98	0.06
	March	80	0.00	0.00	0.01	0.04	0.09	0.28	0.36	0.51	0.62	1.05	0.09
	April	73	0.00	0.00	0.02	0.04	0.07	0.18	0.31	0.52	0.64	0.93	0.08
	May	66	0.00	0.00	0.00	0.03	0.08	0.23	0.33	0.48	0.57	0.89	0.08
	June	74	0.00	0.00	0.00	0.01	0.02	0.08	0.13	0.18	0.22	0.37	0.03
	July	66	0.00	0.00	0.00	0.00	0.02	0.07	0.11	0.17	0.21	0.43	0.02
	August	85	0.00	0.00	0.01	0.01	0.02	0.07	0.13	0.24	0.32	0.76	0.03
	September	94	0.00	0.00	0.01	0.01	0.02	0.04	0.07	0.15	0.22	0.61	0.02
	October	93	0.00	0.01	0.0[illegible]	0.07	0.16	0.33	0.44	0.56	0.66	1.02	0.12
	November	94	0.00	0.01	0.02	0.04	0.08	0.18	0.25	0.39	0.51	0.91	0.07
	December	0											-
	Year 1963	83	0.00	0.00	0.01	0.02	0.07	0.20	0.30	0.42	0.52	1.05	0.069

Table 2-? (continued). FREQUENCY DISTRIBUTION OF SULFUR DIOXIDE CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1964	January	92	0.00	0.01	0.05	0.09	0.20	0.37	0.45	0.57	0.66	1.00	0.15
	February	97	0.00	0.04	0.06	0.08	0.12	0.24	0.32	0.43	0.50	0.67	0.11
	March	72	0.00	0.00	0.02	0.04	0.08	0.25	0.32	0.39	0.44	0.72	0.09
	April	90	0.01	0.03	0.04	0.06	0.11	0.22	0.27	0.34	0.40	0.63	0.10
	May	95	0.00	0.00	0.02	0.04	0.10	0.24	0.30	0.41	0.48	0.72	0.09
	June	44	0.00	0.01	0.02	0.03	0.06	0.18	0.24	0.33	0.41	0.69	0.07
	July	46	0.00	0.00	0.00	0.01	0.02	0.10	0.20	0.31	0.39	0.67	0.03
	August	59	0.00	0.02	0.03	0.04	0.08	0.16	0.23	0.31	0.36	0.55	0.07
	September	36	0.00	0.05	0.06	0.07	0.09	0.13	0.15	0.17	0.19	0.64	0.08
	October	94	0.00	0.00	0.01	0.02	0.03	0.05	0.10	0.15	0.18	0.44	0.03
	November	82	0.00	0.01	0.01	0.02	0.03	0.08	0.12	0.16	0.17	0.65	0.03
	December	0											-
	Year 1964	67	0.00	0.00	0.02	0.04	0.08	0.21	0.29	0.40	0.47	1.00	0.080
1965	January	34	0.00	0.01	0.02	0.04	0.06	0.11	0.15	0.17	0.25	0.56	0.05
	February	74	0.00	0.04	0.05	0.06	0.08	0.14	0.16	0.18	0.40	0.58	0.08
	March	72	0.00	0.03	0.04	0.05	0.08	0.13	0.15	0.17	0.17	0.51	0.07
	April	77	0.00	0.01	0.03	0.04	0.06	0.11	0.14	0.16	0.17	0.55	0.05
	May	6	0.00	0.02	0.04	0.07	0.11	0.15	0.16	0.17	0.17	0.40	0.80
	June	92	0.01	0.02	0.02	0.02	0.03	0.04	0.05	0.06	0.07	0.23	0.03
	July	81	0.00	0.02	0.03	0.04	0.05	0.12	0.17	0.22	0.26	0.47	0.06
	August	67	0.00	0.01	0.02	0.04	0.06	0.13	0.18	0.31	0.40	0.62	0.06
	September	96	0.00	0.00	0.02	0.04	0.07	0.17	0.23	0.33	0.40	0.79	0.07
	October	97	0.00	0.02	0.04	0.07	0.13	0.30	0.38	0.48	0.53	0.76	0.12
	November	97	0.00	0.03	0.05	0.08	0.14	0.27	0.36	0.48	0.65	1.11	0.13
	December	96	0.00	0.03	0.06	0.09	0.15	0.27	0.35	0.46	0.54	0.75	0.13
	Year 1965	66	0.00	0.02	0.04	0.06	0.09	0.18	0.27	0.39	0.46	1.11	0.084

Table 2-4. FREQUENCY DISTRIBUTION OF NITROGEN DIOXIDE CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1962	January	68	0.00	0.01	0.02	0.03	0.04	0.05	0.05	0.06	0.06	0.08	0.03
	February	65	0.00	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.10	0.04
	March	71	0.00	0.02	0.03	0.04	0.04	0.06	0.06	0.07	0.07	0.10	0.04
	April	84	0.00	0.00	0.01	0.02	0.03	0.05	0.06	0.07	0.08	0.12	0.03
	May	87	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.11	0.22	0.04
	June	85	0.00	0.02	0.03	0.04	0.05	0.08	0.09	0.10	0.11	0.17	0.05
	July	92	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.09	0.10	0.16	0.04
	August	77	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.09	0.10	0.20	0.04
	September	87	0.00	0.02	0.03	0.04	0.04	0.06	0.07	0.09	0.10	0.22	0.04
	October	77	0.00	0.02	0.03	0.04	0.05	0.08	0.09	0.11	0.12	0.24	0.04
	November	70	0.00	0.02	0.03	0.03	0.04	0.06	0.08	0.11	0.13	0.24	0.04
	December	86	0.00	0.02	0.03	0.04	0.04	0.06	0.08	0.10	0.12	0.14	0.04
	Year 1962	78	0.00	0.02	0.03	0.04	0.04	0.06	0.08	0.09	0.10	0.24	0.039
1963	January	86	0.00	0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.11	0.18	0.04
	February	57	0.00	0.02	0.03	0.03	0.04	0.07	0.09	0.16	0.20	0.36	0.04
	March	65	0.00	0.01	0.03	0.04	0.04	0.06	0.08	0.10	0.12	0.23	0.04
	April	59	0.00	0.00	0.01	0.02	0.03	0.05	0.05	0.07	0.07	0.10	0.02
	May	80	0.00	0.00	0.02	0.03	0.04	0.05	0.06	0.07	0.09	0.21	0.03
	June	78	0.00	0.02	0.03	0.04	0.05	0.07	0.09	0.10	0.11	0.13	0.04
	July	73	0.00	0.01	0.02	0.03	0.04	0.06	0.08	0.10	0.11	0.22	0.04
	August	78	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.11	0.13	0.20	0.05
	September	90	0.00	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.11	0.19	0.04
	October	75	0.00	0.02	0.03	0.05	0.07	0.10	0.13	0.18	0.22	0.32	0.06
	November	84	0.00	0.02	0.03	0.03	0.04	0.05	0.07	0.08	0.11	0.16	0.04
	December	88	0.00	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.08	0.18	0.03
	Year 1963	76	0.00	0.02	0.03	0.03	0.04	0.06	0.08	0.10	0.13	0.36	0.038

Table 2-4 (continued). FREQUENCY DISTRIBUTION OF NITROGEN DIOXIDE CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1964	January	83	0.00	0.01	0.02	0.03	0.04	0.05	0.07	0.08	0.09	0.17	0.03
	February	87	0.00	0.02	0.02	0.03	0.04	0.06	0.07	0.08	0.09	0.16	0.03
	March	75	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.09	0.11	0.13	0.04
	April	77	0.00	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.08	0.12	0.03
	May	81	0.00	0.03	0.04	0.05	0.06	0.09	0.11	0.12	0.14	0.29	0.05
	June	84	0.00	0.01	0.03	0.04	0.05	0.08	0.09	0.10	0.11	0.15	0.04
	July	80	0.00	0.01	0.02	0.03	0.04	0.06	0.07	0.10	0.12	0.19	0.04
	August	80	0.00	0.01	0.03	0.03	0.04	0.06	0.07	0.08	0.09	0.16	0.04
	September	82	0.00	0.02	0.03	0.03	0.04	0.07	0.08	0.10	0.12	0.37	0.04
	October	50	0.00	0.02	0.03	0.04	0.05	0.07	0.10	0.11	0.13	0.25	0.04
	November	42	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.05	0.05	0.06	0.03
	December	87	0.00	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.06	0.12	0.03
	Year 1964	76	0.00	0.02	0.03	0.03	0.04	0.06	0.08	0.10	0.11	0.37	0.037
1965	January	90	0.00	0.02	0.03	0.03	0.04	0.05	0.06	0.08	0.09	0.15	0.03
	February	86	0.00	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.13	0.04
	March	93	0.00	0.02	0.03	0.04	0.04	0.05	0.06	0.06	0.07	0.10	0.04
	April	94	0.00	0.02	0.02	0.03	0.04	0.05	0.06	0.08	0.09	0.19	0.03
	May	7	0.01	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.04
	June	90	0.00	0.02	0.02	0.03	0.03	0.05	0.05	0.06	0.07	0.13	0.03
	July	87	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.09	0.10	0.15	0.04
	August	85	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.11	0.24	0.04
	September	91	0.00	0.02	0.03	0.04	0.05	0.07	0.08	0.10	0.10	0.15	0.04
	October	89	0.00	0.02	0.03	0.03	0.04	0.06	0.07	0.09	0.11	0.14	0.04
	November	90	0.00	0.01	0.02	0.02	0.03	0.05	0.06	0.07	0.07	0.11	0.03
	December	90	0.01	0.02	0.03	0.03	0.04	0.05	0.06	0.08	0.09	0.17	0.04
	Year 1965	75	0.00	0.02	0.03	0.03	0.04	0.06	0.07	0.09	0.10	0.24	0.036

Table 2-5. FREQUENCY DISTRIBUTION OF TOTAL HYDROCARBON CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1962	January to July	40	2	2	3	3	3	4	5	6	7	8	3
	August	94	0	2	3	3	3	4	4	5	5	9	3
	September	92	0	2	2	3	3	5	6	7	8	12	3
	October	89	0	2	2	3	3	4	4	5	5	10	3
	November	91	0	0	1	2	2	3	4	5	6	9	2
	December	34	0	2	2	3	3	4	5	6	7	12	2.7
	Year 1962	97	1	1	2	2	3	3	4	6	6	10	2.3
1963	January	18	1	1	2	2	3	5	7	8	8	9	2.7
	February	93	0	1	2	2	2	4	5	6	8	15	2.3
	March	20	1	2	2	2	2	2	3	4	4	5	2.1
	April	41	1	1	1	2	2	3	3	4	5	9	1.8
	May	20	1	1	2	2	3	4	4	5	5	8	2.5
	June	98	1	1	2	3	3	4	4	5	6	10	2.8
	July	98	0	2	2	2	2	3	3	4	5	9	2.2
	August	99	2	2	2	2	2	3	3	4	4	7	2.2
	September	98	0	2	3	4	4	6	7	8	9	12	3.6
	October	92	1	2	2	2	2	3	4	4	5	10	2.2
	November	85	1	2	2	2	2	3	3	4	5	7	2.2
	December	72	0	2	2	2	3	4	5	6	7	15	2.4
	Year 1963												

Table 2-5 (continued). FREQUENCY DISTRIBUTION OF TOTAL HYDROCARBON CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1964	January	83	1	2	2	2	3	4	4	5	5	8	2.5
	February	86	1	2	2	2	3	3	4	4	5	8	2.4
	March	94	1	2	2	2	2	3	4	5	5	10	2.3
	April	89	0	1	2	2	2	3	4	5	5	8	1.9
	May	79	1	2	2	2	2	3	4	5	7	14	2.0
	June	98	1	1	2	2	2	3	4	4	5	8	2.2
	July	97	0	1	2	2	2	3	4	4	5	6	2.2
	August	90	1	1	2	2	3	3	4	5	6	9	2.3
	September	91	0	1	1	2	2	4	4	5	6	17	2.0
	October	98	0	1	2	2	3	4	5	7	8	15	2.5
	November	92	0	1	1	2	2	4	4	5	6	11	2.1
	December	71	0	1	2	2	2	3	4	5	6	8	2.2
	Year 1964	89	0	1	2	2	2	3	4	5	6	17	2.2
1965	January	87	0	1	1	1	2	3	4	5	6	8	1.8
	February	99	1	1	2	2	3	4	4	5	6	10	2.6
	March	98	0	1	2	2	2	4	4	5	5	5	2.0
	April	91	1	2	2	2	2	3	3	4	4	5	2.0
	May	7	1	1	2	2	2	3	3	3	4	4	1.9
	June	96	1	2	2	2	3	3	4	5	6	19	2.5
	July	0											-
	August	85	1	2	2	2	2	3	3	4	5	7	2.2
	September	96	1	2	2	2	3	3	4	4	4	5	2.5
	October	85	1	2	2	2	3	3	4	4	5	7	2.4
	November	97	1	2	2	2	2	3	3	4	4	6	2.1
	December	35	1	1	2	2	3	4	5	5	6	9	2.4
	Year 1965	65	0	1	2	2	2	3	4	4	5	19	2.2

Table 2-6. FREQUENCY DISTRIBUTION OF NITRIC OXIDE CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1962	January	0											
	February	43	0.00	0.00	0.02	0.04	0.06	0.11	0.14	0.17	0.20	0.25	0.05
	March	67	0.00	0.00	0.01	0.02	0.04	0.07	0.09	0.13	0.15	0.20	0.03
	April	79	0.00	0.00	0.01	0.02	0.04	0.09	0.13	0.20	0.25	0.43	0.03
	May	90	0.00	0.00	0.00	0.01	0.03	0.11	0.17	0.29	0.40	0.64	0.04
	June	83	0.00	0.00	0.00	0.01	0.02	0.05	0.07	0.09	0.11	0.21	0.02
	July	87	0.00	0.00	0.00	0.01	0.02	0.05	0.07	0.11	0.14	0.36	0.02
	August	66	0.00	0.00	0.00	0.01	0.02	0.06	0.11	0.18	0.24	0.49	0.02
	September	77	0.00	0.00	0.01	0.02	0.03	0.08	0.13	0.21	0.29	0.56	0.04
	October	89	0.00	0.00	0.02	0.03	0.05	0.13	0.19	0.29	0.37	0.62	0.05
	November	91	0.00	0.01	0.03	0.05	0.08	0.14	0.24	0.38	0.51	1.58	0.08
	December	90	0.00	0.00	0.02	0.04	0.07	0.12	0.17	0.24	0.30	0.70	0.06
	Year 1962	65	0.00	0.00	0.01	0.02	0.04	0.10	0.14	0.22	0.31	1.58	0.040
1963	January	86	0.00	0.01	0.03	0.05	0.08	0.15	0.24	0.34	0.42	1.67	0.07
	February	42	0.00	0.01	0.02	0.05	0.09	0.20	0.41	1.54	2.11	2.63	0.13
	March	45	0.00	0.00	0.01	0.03	0.05	0.12	0.21	0.38	0.47	1.40	0.06
	April	64	0.00	0.00	0.00	0.00	0.01	0.04	0.06	0.10	0.14	0.34	0.01
	May	74	0.00	0.00	0.00	0.01	0.02	0.04	0.05	0.08	0.10	0.17	0.02
	June	69	0.00	0.00	0.00	0.01	0.02	0.04	0.07	0.10	0.13	0.23	0.02
	July	27	0.00	0.00	0.01	0.01	0.02	0.05	0.06	0.09	0.16	0.29	0.02
	August	49	0.00	0.00	0.00	0.01	0.03	0.08	0.11	0.16	0.19	0.27	0.03
	September	78	0.00	0.00	0.00	0.01	0.03	0.08	0.12	0.19	0.23	0.40	0.03
	October	56	0.00	0.00	0.01	0.03	0.06	0.13	0.23	0.41	0.58	0.80	0.06
	November	86	0.00	0.01	0.02	0.04	0.06	0.12	0.17	0.37	0.47	1.42	0.06
	December	82	0.00	0.01	0.02	0.04	0.06	0.11	0.16	0.24	0.30	0.58	0.05
	Year 1963	63	0.00	0.00	0.01	0.02	0.05	0.10	0.15	0.26	0.38	2.63	0.046

Table 2-6 (continued). FREQUENCY DISTRIBUTION OF NITRIC OXIDE CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1964	January	74	0.00	0.01	0.02	0.05	0.07	0.14	0.19	0.36	0.46	0.61	0.07
	February	87	0.00	0.00	0.01	0.03	0.05	0.09	0.14	0.22	0.28	1.35	0.05
	March	81	0.00	0.00	0.01	0.02	0.04	0.09	0.16	0.26	0.31	0.53	0.04
	April	71	0.00	0.00	0.01	0.02	0.03	0.07	0.09	0.13	0.16	0.34	0.03
	May	82	0.00	0.00	0.01	0.01	0.02	0.07	0.10	0.14	0.27	0.68	0.03
	June	86	0.00	0.00	0.00	0.01	0.02	0.04	0.07	0.11	0.13	0.31	0.02
	July	84	0.00	0.00	0.00	0.01	0.02	0.05	0.06	0.08	0.10	0.16	0.02
	August	78	0.00	0.00	0.01	0.01	0.02	0.05	0.08	0.11	0.13	0.31	0.02
	September	86	0.00	0.00	0.01	0.02	0.04	0.08	0.13	0.17	0.22	0.46	0.04
	October	85	0.00	0.01	0.02	0.04	0.08	0.15	0.22	0.36	0.43	0.59	0.07
	November	83	0.00	0.02	0.04	0.06	0.10	0.18	0.29	0.46	0.56	0.87	0.09
	December	89	0.00	0.01	0.03	0.04	0.07	0.14	0.18	0.24	0.29	0.63	0.06
	Year 1964	82	0.00	0.00	0.01	0.02	0.05	0.10	0.15	0.24	0.34	1.35	0.044
1965	January	91	0.00	0.01	0.02	0.04	0.06	0.13	0.19	0.42	0.53	1.03	0.07
	February	93	0.00	0.01	0.02	0.03	0.05	0.11	0.15	0.23	0.33	0.94	0.05
	March	93	0.00	0.01	0.02	0.03	0.04	0.08	0.10	0.13	0.17	0.26	0.04
	April	93	0.00	0.00	0.01	0.02	0.03	0.06	0.09	0.12	0.15	0.52	0.03
	May	7	0.00	0.00	0.01	0.01	0.02	0.04	0.06	0.08	0.10	0.10	0.02
	June	0											-
	July	89	0.00	0.00	0.01	0.01	0.02	0.05	0.07	0.10	0.12	0.32	0.02
	August	86	0.00	0.00	0.01	0.01	0.02	0.06	0.09	0.17	0.22	0.52	0.03
	September	86	0.00	0.00	0.01	0.02	0.03	0.09	0.13	0.23	0.29	0.51	0.04
	October	91	0.00	0.01	0.02	0.04	0.06	0.13	0.20	0.28	0.34	0.47	0.06
	November	91	0.00	0.01	0.03	0.04	0.06	0.11	0.15	0.20	0.22	0.35	0.05
	December	90	0.00	0.02	0.05	0.09	0.13	0.21	0.25	0.32	0.40	0.87	0.11
	Year 1965	76	0.00	0.01	0.01	0.03	0.05	0.11	0.16	0.23	0.31	1.03	0.048

Table 2-7. FREQUENCY DISTRIBUTION OF TOTAL OXIDANT CONCENTRATIONS

		Percent of valid data	ppm										
			Minimum	Frequency distribution, %								Maximum	Arithmetic mean
				10	30	50	70	90	95	98	99		
1964*	January	59	0.00	0.00	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.08	0.01
	February	78	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.03	0.04	0.10	0.01
	March	78	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.05	0.08	0.02
	April	71	0.00	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06	0.10	0.02
	May	69	0.00	0.01	0.02	0.03	0.04	0.07	0.09	0.11	0.12	0.15	0.04
	June	77	0.00	0.01	0.02	0.03	0.05	0.09	0.11	0.13	0.16	0.24	0.04
	July	78	0.00	0.01	0.02	0.03	0.05	0.08	0.10	0.12	0.13	0.18	0.04
	August	74	0.00	0.01	0.02	0.04	0.05	0.09	0.10	0.12	0.13	0.20	0.04
	September	76	0.00	0.01	0.02	0.03	0.04	0.07	0.09	0.13	0.15	0.25	0.04
	October	79	0.00	0.01	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.13	0.02
	November	67	0.00	0.00	0.00	0.01	0.02	0.03	0.04	0.06	0.07	0.19	0.01
	December	78	0.00	0.00	0.01	0.02	0.02	0.04	0.06	0.09	0.10	0.25	0.02
	Year 1964	74	0.00	0.00	0.01	0.02	0.03	0.06	0.08	0.10	0.12	0.25	0.026
1965	January	78	0.00	0.00	0.01	0.02	0.02	0.03	0.04	0.06	0.07	0.15	0.02
	February	42	0.00	0.00	0.01	0.01	0.02	0.03	0.03	0.04	0.05	0.10	0.01
	March	93	0.00	0.01	0.01	0.02	0.02	0.03	0.03	0.04	0.04	0.20	0.02
	April	91	0.00	0.02	0.02	0.03	0.03	0.04	0.05	0.06	0.07	0.15	0.03
	May	6	0.01	0.02	0.02	0.03	0.04	0.12	0.14	0.16	0.17	0.18	0.05
	June	78	0.00	0.02	0.02	0.03	0.05	0.07	0.08	0.09	0.10	0.18	0.04
	July	56	0.00	0.02	0.03	0.05	0.07	0.19	0.22	0.27	0.29	0.35	0.07
	August	86	0.00	0.01	0.02	0.03	0.05	0.08	0.10	0.15	0.16	0.22	0.04
	September	86	0.00	0.01	0.01	0.02	0.04	0.07	0.09	0.10	0.11	0.16	0.03
	October	89	0.00	0.01	0.02	0.02	0.03	0.04	0.05	0.07	0.09	0.24	0.03
	November	90	0.00	0.01	0.02	0.02	0.03	0.03	0.04	0.05	0.05	0.16	0.02
	December	85	0.00	0.01	0.01	0.02	0.02	0.04	0.04	0.06	0.07	0.15	0.02
	Year 1965	67	0.00	0.01	0.02	0.02	0.03	0.05	0.07	0.12	0.17	0.35	0.028

*1962 and 1963 oxidant not included.

Table 2-8. FREQUENCY DISTRIBUTION OF CARBON MONOXIDE CONCENTRATIONS

	Percent of valid data	ppm										
		Minimum	Frequency distribution, %								Maximum	Arithmetic mean
			10	30	50	70	90	95	98	99		
1962 January to October												
November	3	11	13	14	18	24	44	46	48	49	51	23
December	88	0	7	11	13	15	19	21	24	26	49	13
Year 1962	8	0	7	11	13	16	19	21	28	39	51	13.4
1963 January	56	5	8	12	14	16	21	24	28	31	52	14.6
February	0											-
March	0											-
April	21	4	7	8	8	9	11	12	13	13	16	8.6
May	20	4	6	6	7	8	9	10	11	13	15	7.2
June	0											-
July	0											-
August	0											-
September	0											-
October	79	0	3	5	7	8	14	19	25	29	45	7.7
November	0											-
December	0											-
Year 1963	14	0	4	7	8	12	18	21	25	29	52	9.9

Table 2-8 (continued). FREQUENCY DISTRIBUTION OF CARBON MONOXIDE CONCENTRATIONS

	Percent of valid data	ppm									Maximum	Arithmetic mean
		Minimum	Frequency distribution, %									
			10	30	50	70	90	95	98	99		
1964 January	0											-
February	83	0	3	5	6	7	9	10	12	15	33	6.1
March	97	0	3	4	5	6	8	9	12	14	21	5.1
April	75	0	3	5	7	11	18	20	22	24	39	8.9
May	87	0	2	4	6	8	14	20	24	26	34	7.1
June	93	0	2	4	5	7	9	10	11	11	14	5.2
July	79	0	2	3	4	5	7	8	9	10	15	4.0
August	95	0	2	3	4	6	8	9	11	13	18	4.7
September	94	0	3	4	6	7	10	12	14	16	24	6.0
October	97	0	2	4	7	10	16	19	22	25	41	8.0
November	96	0	6	10	12	15	20	23	27	30	43	12.5
December	83	0	4	8	10	12	17	19	22	24	46	10.1
Year 1964	81	0	2	4	6	8	14	17	21	24	46	7.1
1965 January	98	0	3	5	7	9	13	15	18	19	32	7.6
February	92	0	4	7	10	12	16	18	21	24	67	10.0
March	93	0	2	5	7	10	13	15	17	19	40	7.7
April	95	0	1	3	6	8	12	14	16	18	29	6.2
May	7	0	1	2	4	5	8	9	11	12	25	4.0
June	0											-
July	0											-
August	35	0	3	5	7	9	11	11	13	14	19	6.9
September	96	1	6	7	9	10	12	13	15	16	24	8.7
October	97	2	7	9	10	12	16	17	19	21	28	10.6
November	99	2	5	6	7	8	10	11	13	14	22	6.9
December	98	1	5	6	7	8	10	12	14	16	29	7.2
Year 1965	67	0	4	6	8	10	13	15	17	19	67	8.0

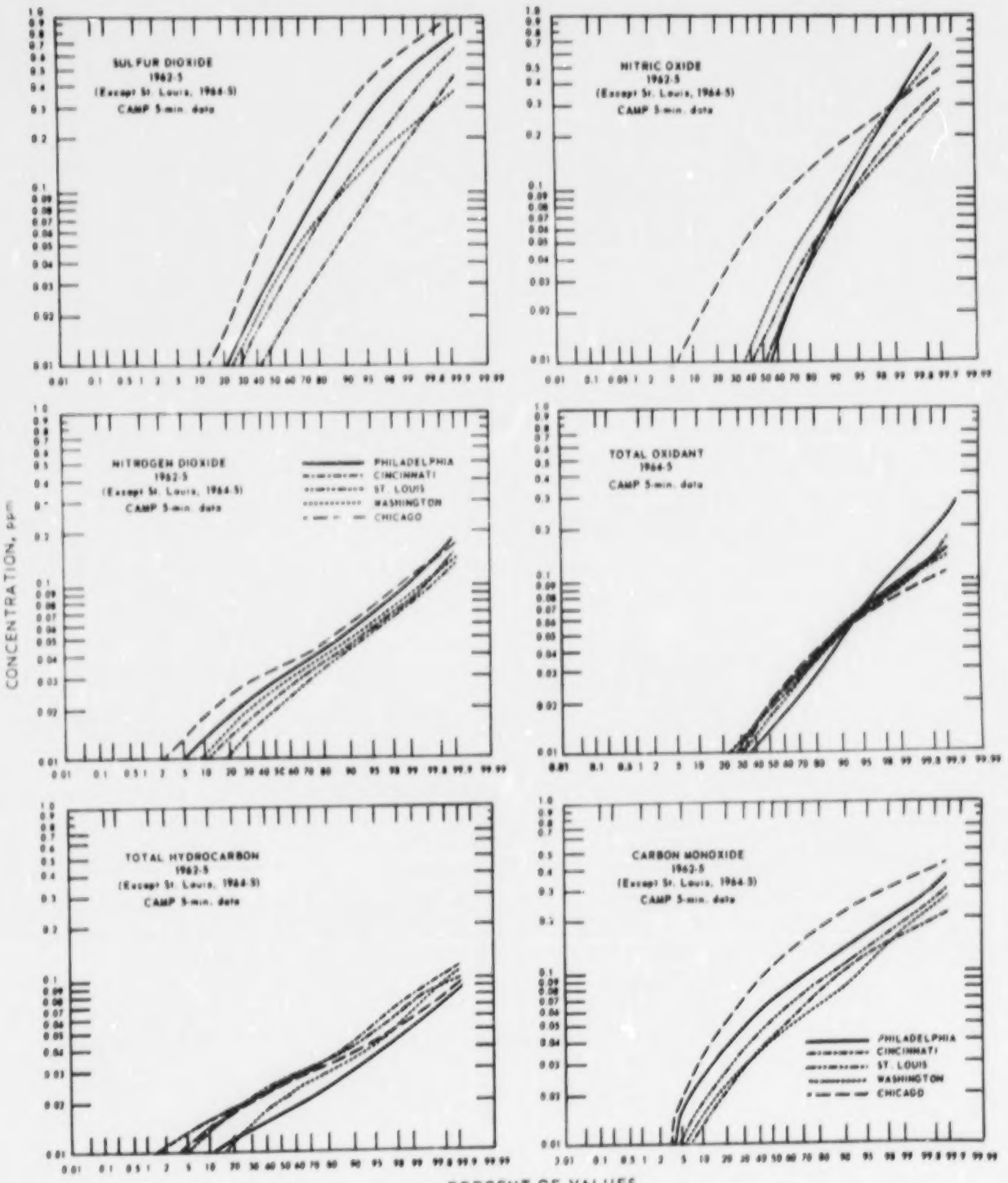

Figure 2-1. Pollutant levels in six CAMP cities, 1962-1965.

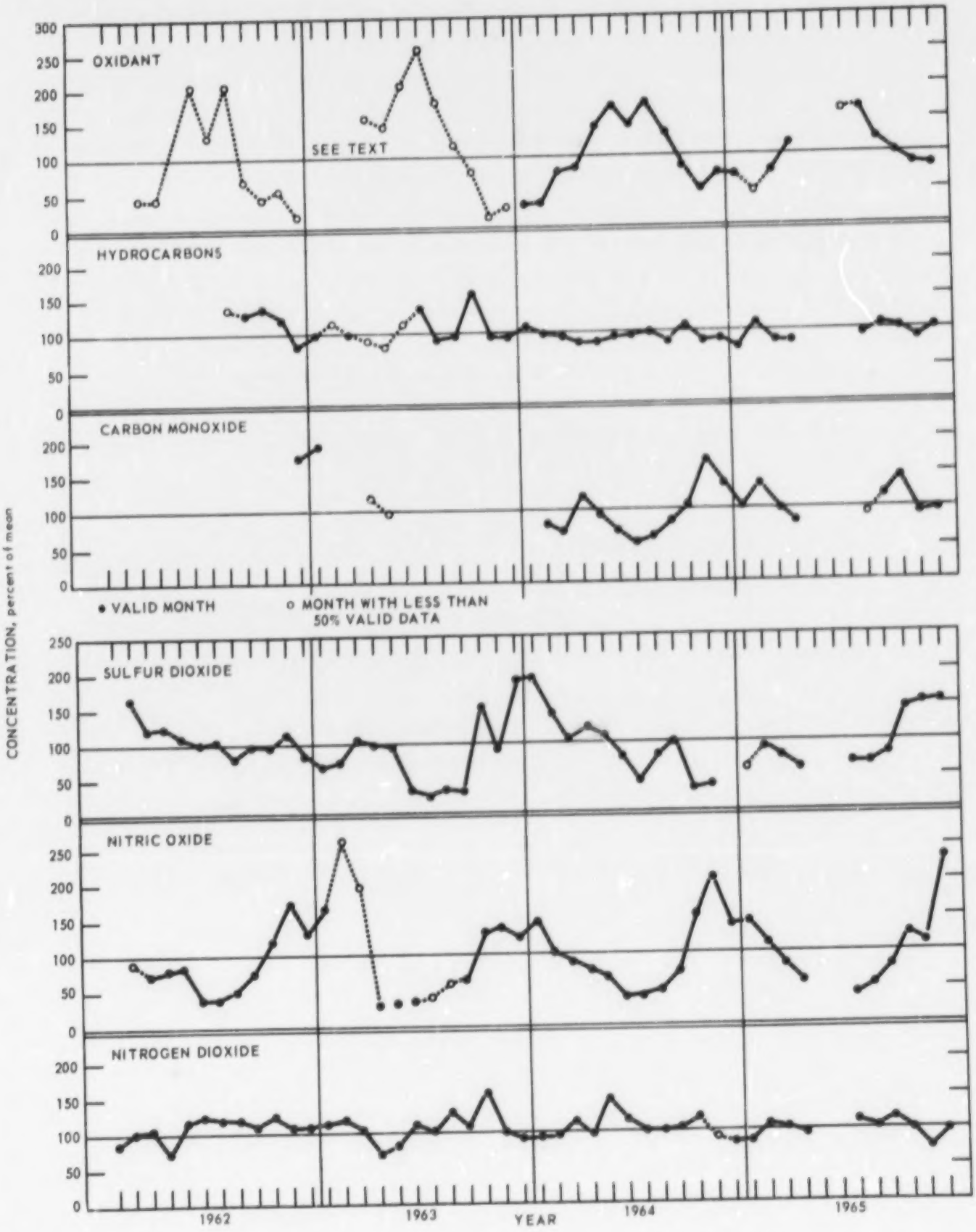

Figure 2-2. Seasonal variation of gaseous pollutant levels.

discussed later. Major portions of CO and of hydrocarbons are produced by automobiles at fairly constant rates throughout the year. Data on CO, though sparse, suggest a pattern of higher winter levels that may be attributable to space heating. The lack of a recurrent seasonal pattern for SO_2 has not yet been satisfactorily explained, though it may result from suspected variations in the typical wind patterns from the direction of strong, nearby point sources.

The daily cycle also results from the combined effects of changes in source strength and in dilution capacity of the atmosphere and is affected, in some cases, by photochemical reactions. Obviously, the seasonal and daily cycles are not independent. Both daily activities and daily weather patterns change with the seasons. Therefore, the diurnal variations in the atmospheric concentrations of gaseous pollutants are averaged by seasons (Figure 2-3). For comparison of the patterns of variation, the hourly average concentrations are plotted as a percent of the 4-year mean except in the graphs for total oxidant and for carbon monoxide, which are based upon data for 1964 and 1965.

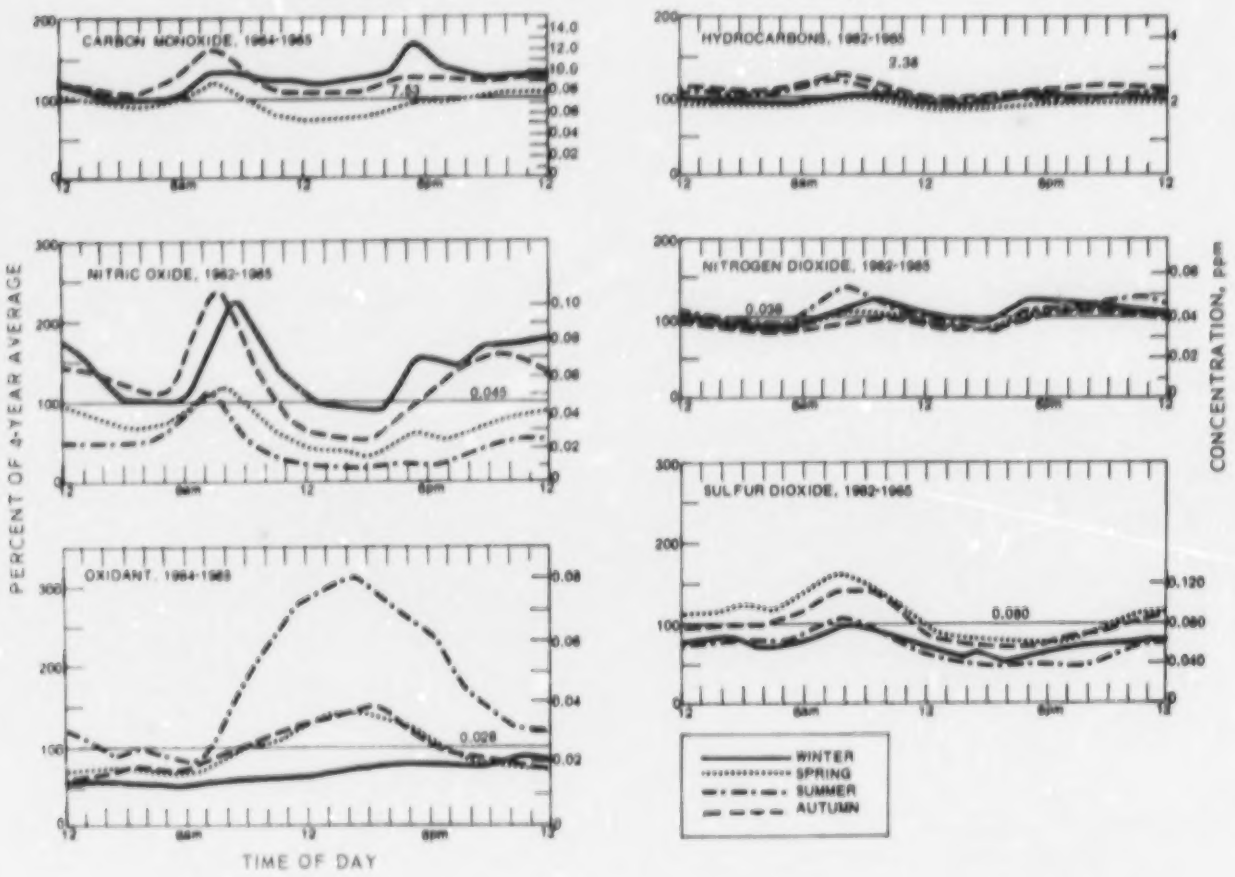

Figure 2-3. Diurnal patterns of pollutant concentrations, by season.

All of the pollutants except total oxidant exhibit approximately the same general pattern - a maximum in the morning and a minimum in the afternoon. The morning peak is due primarily to increased emissions associated with the beginning of the day's activities, e.g., industrial and commercial processes and space heating, and to increased motor vehicle exhaust during the morning traffic peak. However, another important factor contributing to the morning peak is the prevalence, prior to sunrise, of minimum dilution capacity of the atmosphere.

The morning peaks in the patterns for NO, for hydrocarbons, and for CO appear approximately an hour earlier in the summer than in the winter, because while CAMP data are based on standard time throughout the year, activities in Philadelphia are based on daylight savings time in the summer months. Because the spring and fall seasons contain both standard and daylight savings time periods, the morning peaks during these seasons tend to be broader.

Following the morning peak, as increasing mixing height and rising wind speed improve the atmosphere's capacity to disperse and dilute pollutants, the concentrations of most of the pollutants usually decline fairly steadily to a minimum sometime in mid-afternoon. In contrast, the concentration of total oxidants begins to increase quite rapidly just after sunrise, reaching a maximum around noon or shortly thereafter and then declining to base-line levels by sunset. Since the substances comprising the total oxidants result primarily from photochemical reactions, the rate of production is dependent upon the intensity of solar radiation, which increases during mid-morning. For the concentrations of total oxidants to increase from one hour to the next, the rate of photochemical reaction must surpass the dilution capacity, which also increases during mid-morning. Also, on the calm, sunny days characteristic of atmospheric stagnations, since dilution and dispersion parameters do not develop fully, oxidant concentrations can increase far above normal daily averages.

EFFECT OF ATMOSPHERIC DILUTION CAPACITY

Because the influence of atmospheric dilution capacity on both long-term seasonal variations and short-term daily fluctuations is relatively important and affects all the emitted pollutants in essentially the same manner, it is discussed here separately prior to the more detailed discussions of the individual pollutants.

The best dilution conditions generally exist in the afternoon when the depth of the unstable mixing layer is greatest and wind speeds are highest. Figure 2-4 shows the diurnal variation in one parameter of the dilution capacity, horizontal wind speed. In all seasons, average wind speeds are highest after midday. Consequently, afternoon levels of all the pollutants except total oxidant are usually at a minimum.

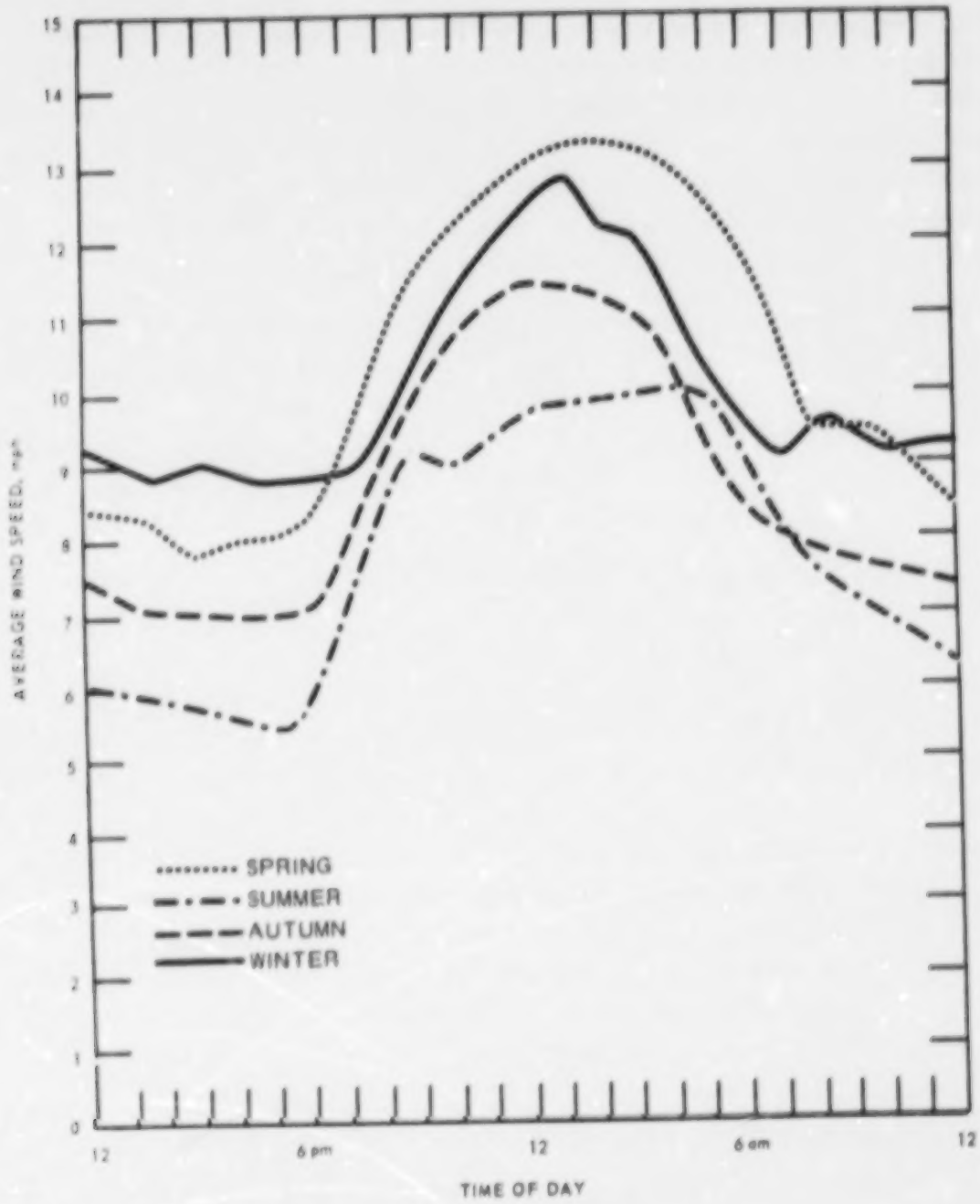

Figure 2-4. Diurnal variation in horizontal air movement, Philadelphia 1962-1964.

In the evening, when the atmosphere becomes stable and wind speeds diminish, pollutant emissions are dispersed less rapidly and atmospheric concentrations increase. Reduced dilution conditions usually continue through the night, and the minor decrease in pollutant concentrations during the early morning hours prior to sunrise is due primarily to a diminished rate of emissions. Peak levels occur in the morning, generally between 7 and 9 a.m., when emissions, rapidly increasing

with the start of the day's activities, temporarily exceed the increasing dilution capacity.

Occasionally, a high-pressure weather system becoming almost motionless over a relatively large area of the eastern United States tends to change the usual daily cycle of natural ventilation. As a result of this condition, which significantly restricts the ability of the atmosphere to disperse and dilute pollution, concentrations may continue to build up beyond the time of the normal morning peak. The distinction between the typical nighttime inversion and the occasional "stagnation" inversion is explained in Part I under "Meteorology." The effect of inhibited dilution on pollutant concentrations during stagnations is discussed later under "Incidents of High Pollution."

DISCUSSION OF RESULTS

All pollutants emitted into the atmosphere at a given time are dispersed or confined similarly according to the prevailing weather conditions. Significant differences between the seasonal or diurnal patterns of different pollutants result not from the influence of meteorological factors, but, for the most part, from differences in emission patterns. These patterns, along with sources of individual pollutants and variability of pollutants, are discussed here.

Sulfur Dioxide

Since the monthly average SO_2 concentrations for the 4-year period 1962 through 1965 (Figure 2-2) do not indicate a consistent annual pattern, the seasonal diurnal patterns for each year are plotted separately in Figure 2-5. The daily variations in SO_2 concentrations during three of the spring seasons are quite consistent; however, the variations during spring 1965 depart from the pattern. The summer patterns for 1962, 1964, and 1965 show the characteristic morning peak around 8:00 a.m., but the pattern for 1963 is comparatively flat throughout the day. As Figure 2-2 shows, the monthly averages for June, July, and August, 1963, are among the lowest of the 4-year period. The fall seasons of 1962, 1963, and 1965 have definite morning peaks; but in the fall of 1964 the morning peak is not pronounced, and the monthly averages are again among the lowest for the 4-year period. Because the winter season bridges the calendar year, including December of one year and January and February of the following year, only three winter seasons are represented. The diurnal pattern for the winter of 1963-1964 shows a much more pronounced morning peak than the other two winters, and the monthly averages (Figure 2-2) reflect this difference. The monthly averages in December 1963 and in January 1964 are the highest of the 4-year period.

The major emissions of sulfur dioxide come from point sources, either from the combustion of sulfur-bearing fossil fuels for space heating, process heating, and

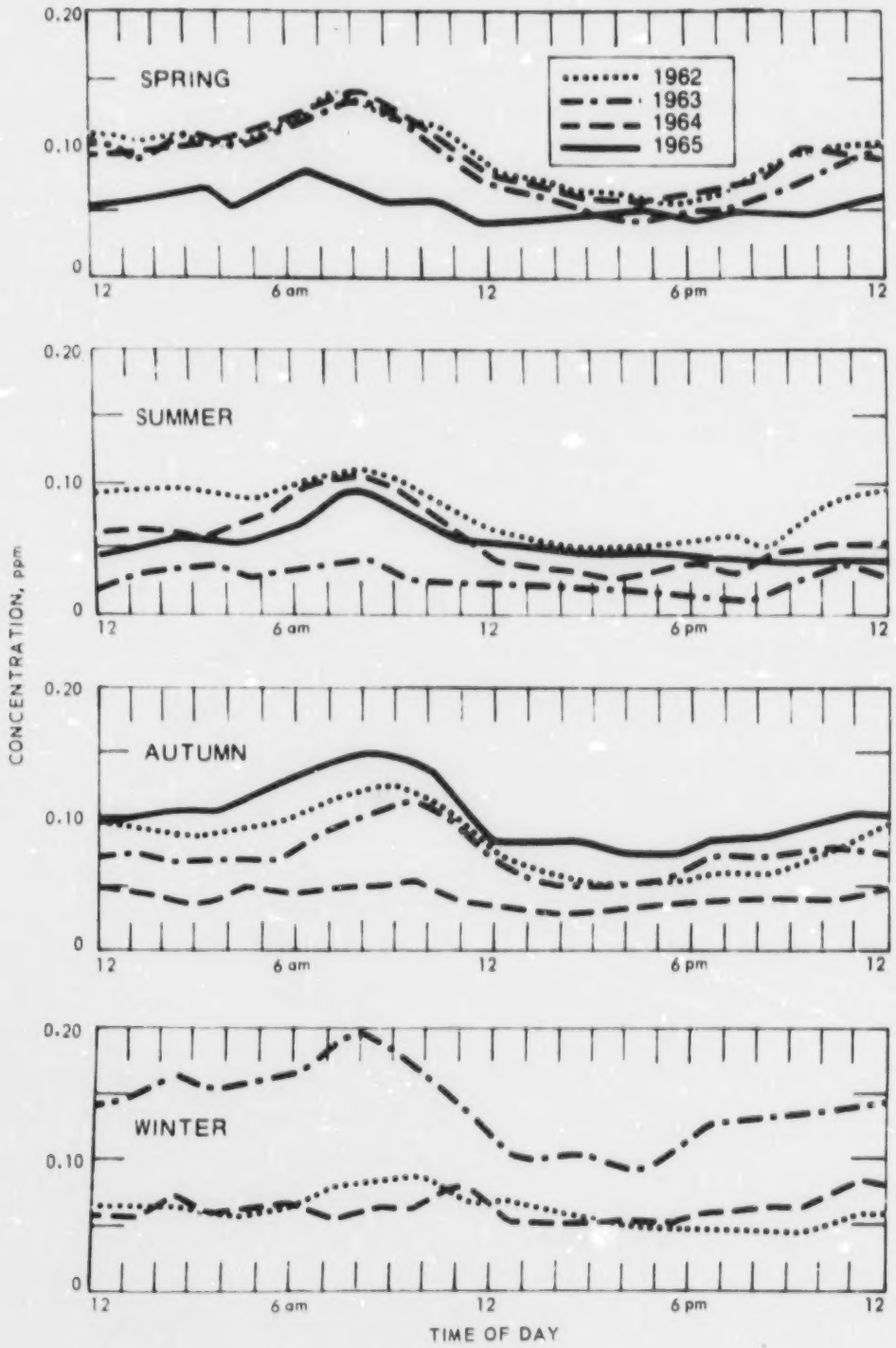

Figure 2-5. Diurnal variation of sulfur dioxide levels by individual season.

electric power generation or from industrial process losses. The Schuylkill electric generating plant, located about 1-1/2 miles to the southwest of the CAMP station, consumes some 2-1/2 million barrels of oil per year - oil with a sulfur content of 2 to 3 percent. The stack gases, therefore, include about 55 tons of SO_2

per day. The Delaware and the Southwark electric generating plants, about 2-1/2 to 3 miles east and southeast, respectively, from the station, together consume about 1.2 million tons of coal per year, again with a 2 to 3 percent sulfur content. The combined SO_2 yield from these two stations is about 165 tons per day. Almost directly to the west of the CAMP station, about 3/4 mile away, is a steam-electric plant operated by the Pennsylvania Railroad to generate electric power for commuter trains. The plant is a relatively minor consumer of coal, but because of its proximity, it can contribute significantly to SO_2 concentrations measured at the CAMP station.

Six major petroleum companies operate refineries in the Philadelphia area. Two are located from 2-1/2 to 5 miles southwest of the CAMP station, along the lower reaches of the Schuylkill River; two more are located 6 to 8 miles south of the station, along the New Jersey side of the Delaware River; and the remaining two are located about 16 to 18 miles southwest of the station, below Chester on the Pennsylvania side of the Delaware River. Emissions of SO_2 from these sources result from both process losses and fuel combustion. Total annual SO_2 emission from these refining operations is estimated to average about 400 tons per day.

Because of these significant point sources, the concentration of SO_2 at the CAMP station is more strongly related to wind direction than are the concentrations of other pollutants. To portray the relationship between wind direction and SO_2 concentration, directional pollutant profiles are superimposed on radial wind roses for each of the four seasons in 1963 (Figure 2-6). For this use, the winter "season" is considered to consist of January, February, and December of 1963. In calculation of a directional pollutant profile, each hourly average pollutant concentration is related to the prevailing wind direction (one of 16 sectors) for that hour, and the concentrations observed in connection with each directional sector are averaged. The average concentration for each of the 16 directions is plotted on a polar graph as a vector corresponding to the wind direction, and a smooth line is drawn through the endpoints of the 16 vectors to produce the directional pollutant profile. Directional lines in the wind roses are divided into two segments indicating two wind speed categories: 0 through 7 mph and greater than 7 mph. The length of each segment corresponds to the number of hours that winds in the indicated speed category were observed. Together, the lengths of the two wind speed segments give a relative indication of the total number of hours during which wind blew from the direction indicated.

Some of the highest average pollutant concentrations in each season are associated with the relatively frequent winds from the southwest quadrant. In the winter months (January, February, December), high average concentrations also occur

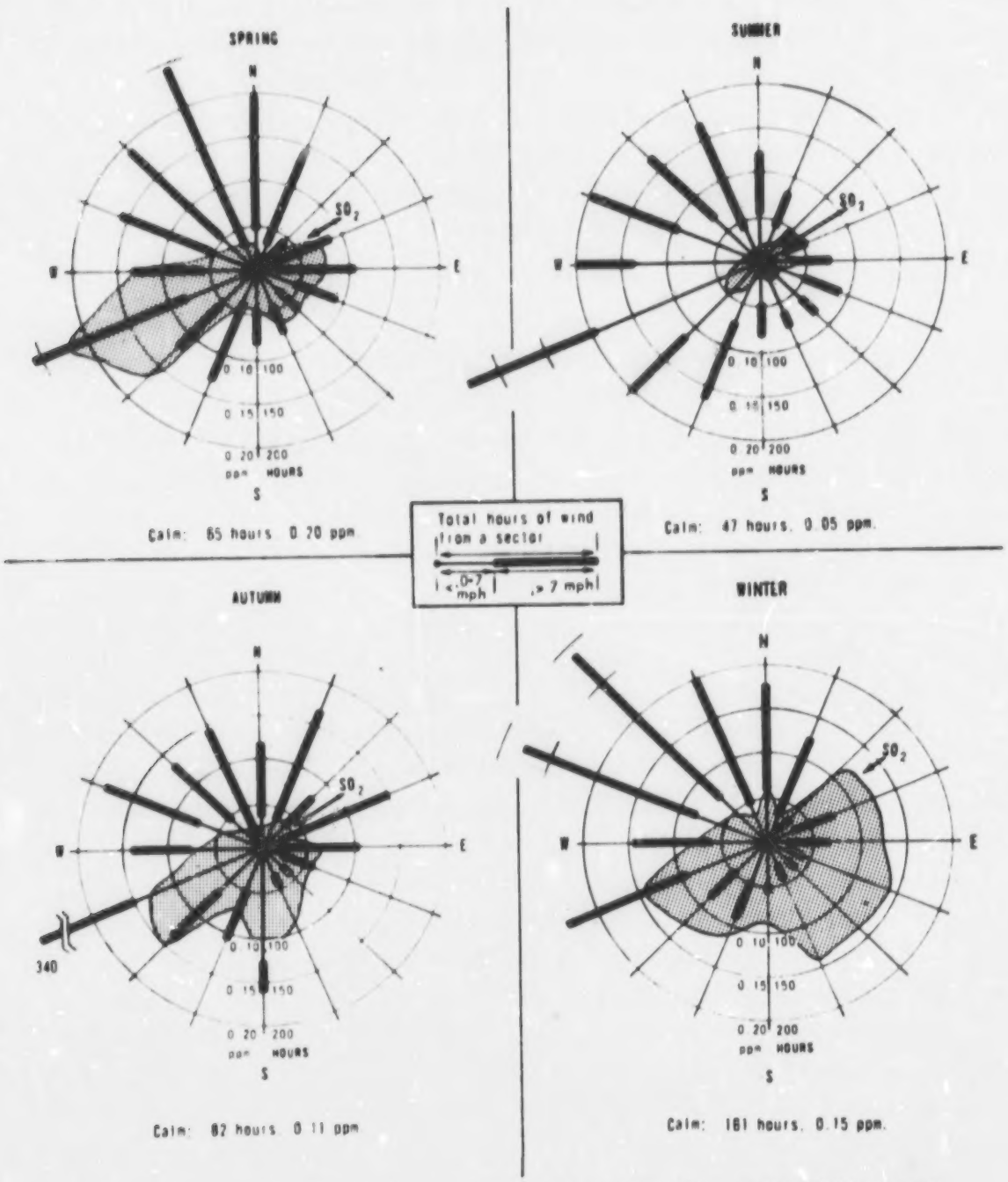

Figure 2-6. Sulfur dioxide concentrations and wind direction, Philadelphia - 1963.

with winds from the northeast through the south-southeast sectors, but winds from these directions are relatively infrequent. These high winter averages from the south-easterly quadrant are attributed to the operation of space heating equipment in buildings of the central business district of Philadelphia, which lies mainly to the south and east of the CAMP station. In the other three seasons, the average concentrations from the easterly directions are much lower. A suggestion of a small

peak in the profiles corresponding to winds directly from the east is most noticeable in the summer and fall profiles. This peak may be due to operations at the Philadelphia Electric Company's Delaware plant, situated on the Delaware River slightly north of east from the CAMP station and about 2-1/2 miles distant, and at other industrial sources located along the river in this general area.

Although the highest average SO_2 concentrations occur with winds from the west-southwest, the major nearby sources (the Schuylkill power plant and the closest of the petroleum refineries) lie more to the southwest or south-southwest of the CAMP station. The appearance of a shift in these vectors toward the west may be due to the fact that wind direction data are obtained from the Greater Philadelphia Airport, which is located adjacent to the Delaware River, some 6 miles south of the CAMP station. Ideally, the wind data should be obtained where the pollutant measurements are taken. Additional studies of pollutant concentrations in relation to wind parameters can use meteorological data from wind-recording instruments installed in mid-1963 at the Franklin Institute, on whose grounds the CAMP station is located.

Although seasonal variations in SO_2, as measured at the CAMP station, tend to be erratic, concentrations tend to be higher in winter than in summer. This tendency is probably due to space heating since the major point sources operate rather steadily all year.

Oxides of Nitrogen

Nitric oxide (NO) and nitrogen dioxide (NO_2) are produced by any high-temperature combustion process using air as an oxygen source. Concentration levels of these oxides of nitrogen depend upon source strength and atmospheric dilution; the relative levels of NO and NO_2 are influenced by atmospheric reactions that convert nitric oxide to nitrogen dioxide at rates related to the intensity of solar radiation. Because of the influence of solar radiation, nitrogen dioxide levels exhibit essentially no seasonal pattern, but the nitric oxide pattern is quite pronounced (Figure 2-2). During the summer, the high rate of conversion of NO and NO_2 subtracts from the NO concentrations during the season when levels are already low, thus accentuating their variation. In turn, this high rate adds to the concentrations of NO_2 during the season of reduced emissions, thus reducing their variation.

Nitric oxide concentrations exhibit pronounced diurnal variation (Figure 2-7), because of the same factors that contribute to the seasonal pattern: (1) strength of combustion sources, (2) dilution capacity of the atmosphere, and (3) rate of photochemical conversion to NO_2. These factors combine to produce three consistent features in the diurnal NO pattern for each month:

1. The minimum concentration during the afternoon (like the low summer

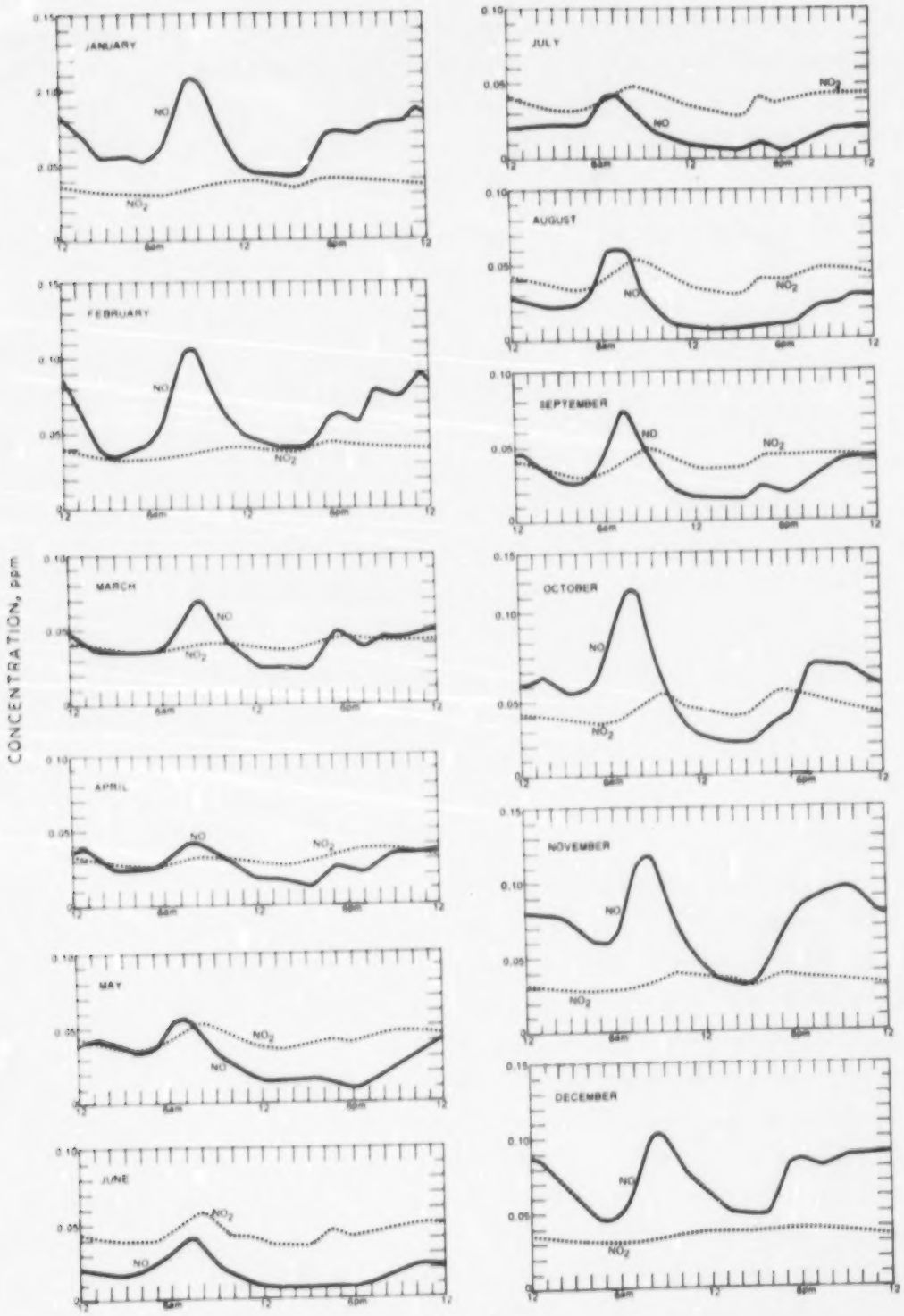

Figure 2-7. Diurnal variation of nitric oxide (NO) and nitrogen dioxide (NO_2) levels by month.

levels) is attributable to maximum conversion of the NO to NO_2, to enhanced atmospheric dilution potential, and to minimum emissions. The level of this afternoon minimum varies with the season from near zero in the summer to 0.05 ppm in January.

2. The high overnight concentrations of nitric oxide are the result of a reversal of these three factors: source strength, dilution capacity, and conversion rate. The level begins to increase in late afternoon and peaks between 5 and 7 p.m., most prominently during late fall and winter. With the decrease in human activity later in the evening, the concentration of nitric oxide decreases to a secondary minimum around 3 to 4 a.m.

3. The characteristic morning peak results from increased emissions at the beginning of the day's activities. Low-level inversions, which frequently form overnight, confine the increased morning emissions, to further increase morning concentrations. With the breakup of the inversion, around 7 a.m. in the summer and as late as 9 a.m. in the winter, the mixing volume increases and the ambient concentration begins to decline even though the emissions of NO may continue at a high rate beyond the peak in concentration.

During the warmer months (May through October), the diurnal patterns for NO_2 levels (Figure 2-7) are similar to those of NO; however, the photochemical conversion of NO to NO_2 has a smoothing effect. The morning peak, when it can be discerned, varies from about 8 a.m. during the summer to about 11 a.m. in the winter. The 1- to 2-hour lag between the NO peak and the NO_2 peak is attributed to the time required for the photochemical conversion. The conversion of NO to NO_2 contributes to the afternoon concentrations by sustaining the NO_2 level when dilution conditions are best.

The relationships between NO concentrations and seasonal wind patterns during 1963 are portrayed in Figure 2-8. The average concentration, indicated by the outlined area, is noticeably higher in winter than in summer, but no consistent relationship to wind speed or direction is apparent. This absence of pronounced directional features is characteristic of a pollutant that emanates from a multitude of small sources broadly distributed over a large area, in this instance automobiles.

Although some NO_2 is emitted in automobile exhaust, a significant amount is produced from NO by reactions in the atmosphere. Consequently profiles of wind direction and pollutant concentration for NO_2, having no prominent directional features, have not been included.

Total Oxidant

Most atmospheric pollutants capable of oxidizing are produced by photochemical reactions in the atmosphere rather than by specific sources. Ozone, the principal

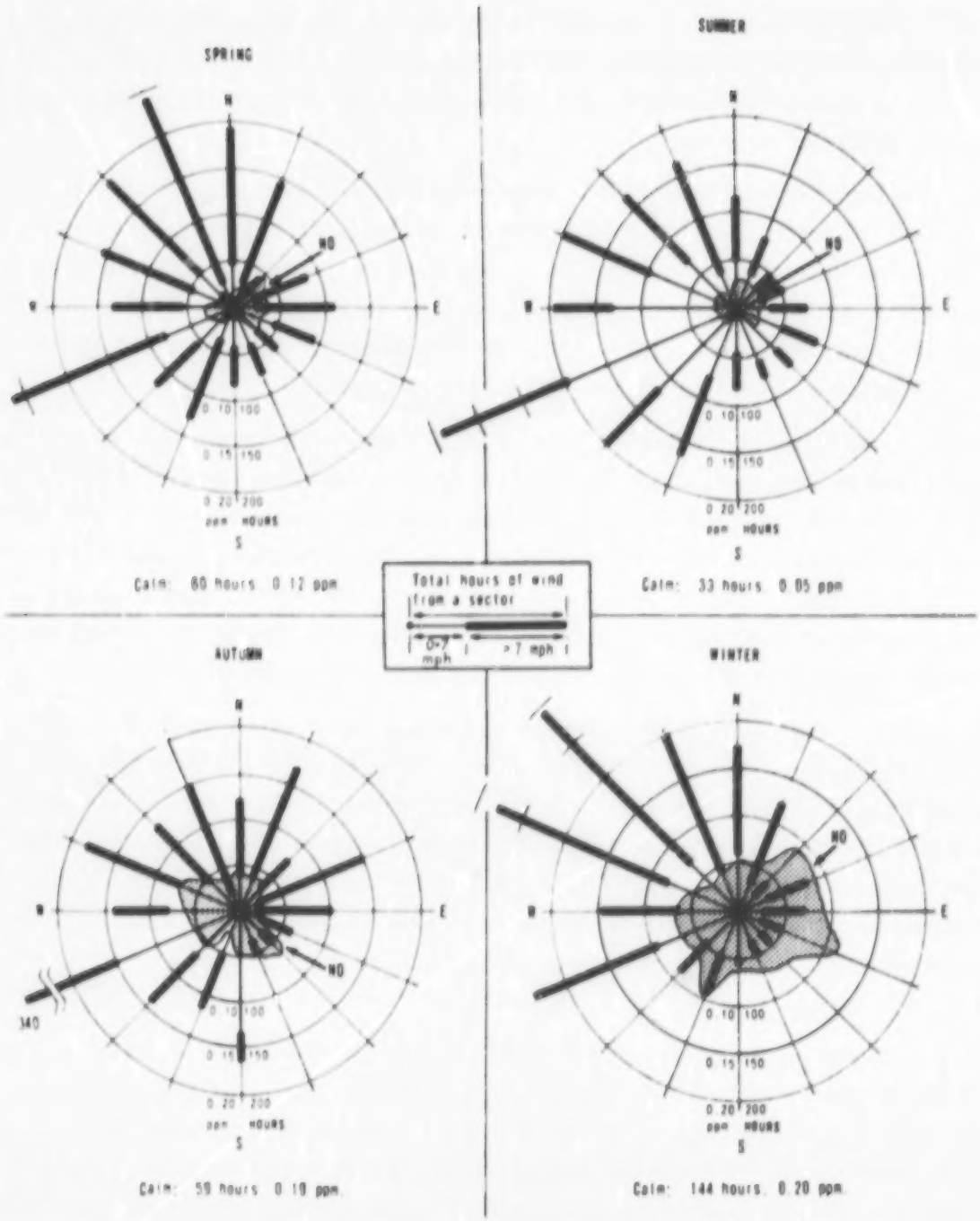

Figure 2-8. Nitric oxide concentrations and wind direction, Philadelphia - 1963

oxidizing compound, is formed at high altitudes by high-energy solar radiation and is carried to lower levels by air currents. Ozone is also formed at low altitudes as a product of photochemical reactions involving the oxides of nitrogen and the various hydrocarbons. NO_2 itself produces a small oxidizing effect, and photochemical reactions among emitted pollutants produce more complex oxidizing compounds.

The oxidants produced by photochemical reactions among the oxides of nitrogen and the hydrocarbons are of primary interest in air pollution. To them have been attributed the adverse effects (plant damage, rubber cracking, etc.) associated with photochemical smog.

Because of the previously mentioned negative interference from SO_2 in 1962 and 1963, only the 1964 and 1965 data, which give dependable information on actual concentrations of oxidants, are graphed (Figures 2-9 and 2-10).

Both daily and seasonal variations in oxidant concentrations depend upon variations in solar energy; levels are higher in the daytime than at night and higher on summer days than on winter days (Figure 2-3). In general oxidant concentration starts to rise about 9 a.m. in the winter and as early as 6 a.m. in the summer, reaches a peak between noon and 2 p.m., and then declines smoothly to an overnight minimum (Figure 2-9). The highest hourly average for the summer was 0.081 ppm; the corresponding winter maximum was 0.020 ppm.

Data for daytime (6 a.m. through 6 p.m.) and data for nighttime (6 p.m. through 6 a.m.) are graphed separately in Figure 2-10. Separate patterns of monthly averages for day and for night both resemble the pattern in Figure 2-2 for combined day and night oxidant data for 1964 and 1965. As Figure 2-10 shows, although nighttime averages are significantly lower than daytime averages, both follow similar seasonal patterns.

Total Hydrocarbons

Gaseous hydrocarbon compounds in the atmosphere are of two types: stable hydrocarbons, such as methane; and reactive hydrocarbons, such as olefins and aldehydes, which participate in photochemical reactions that produce photochemical smog. The stable hydrocarbons include a background level, thought to be about 1 ppm, of methane from natural decay processes plus methane and other stable hydrocarbons from motor vehicle exhaust, gas main leaks, sewage treatment, and other sources. The reactive hydrocarbons in the atmosphere are produced mainly from incomplete combustion and from evaporation of organic compounds, primarily gasoline.

The patterns of diurnal variation of total hydrocarbon for each month (Figure 2-11) show a fairly consistent rise between 7:00 and 8:00 a.m., coincident with the morning traffic surge, after which the levels decline because of reduced emissions and increased dilution later in the morning. The afternoon peak, around 4:00 to 5:00 p.m., about the time of the homebound traffic surge, is smaller because the dilution capacity is usually greater during the evening rush hour than during the morning rush hour.

The concentrations of total hydrocarbons show little variation with season or wind direction (Figure 2-12). This lack of relationship is consistent with the

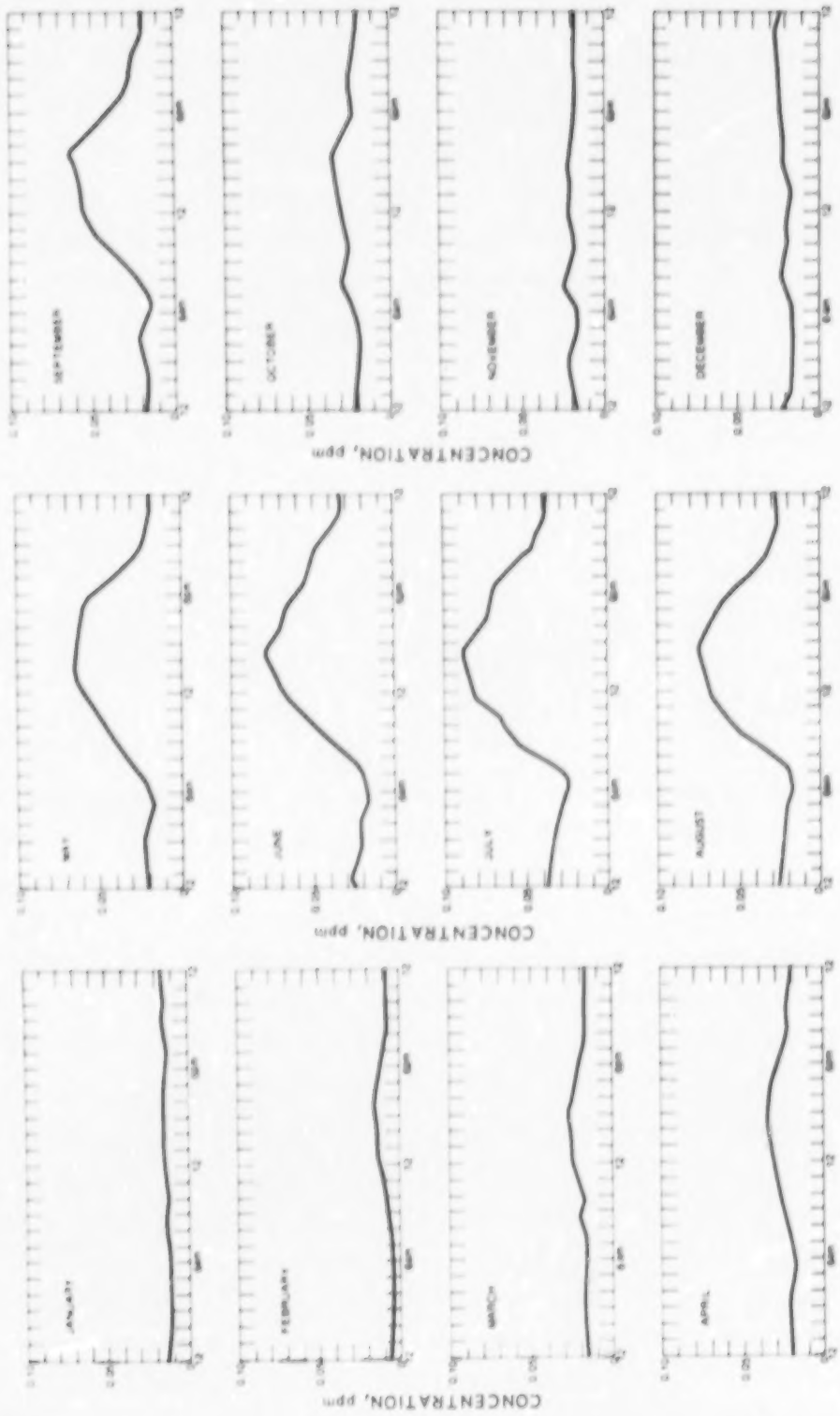

Figure 2-9. Diurnal variation of oxidant level, by month (1964-1965 only).

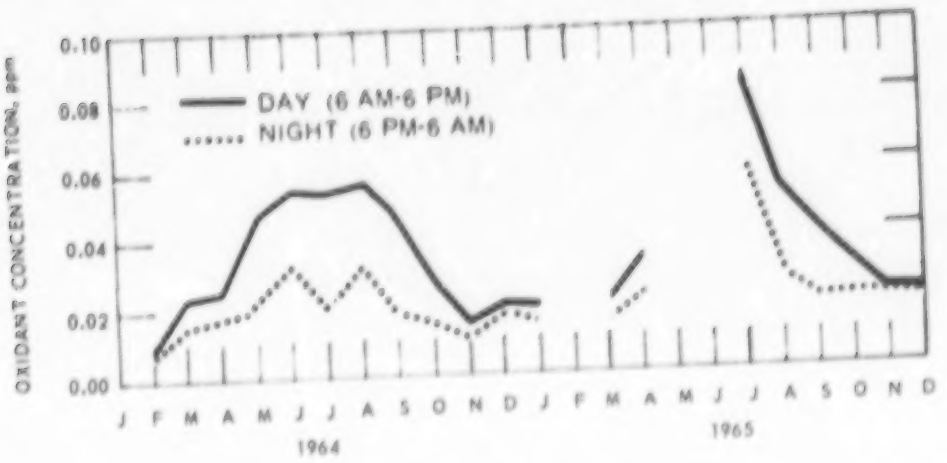

Figure 2-10. Daytime versus nighttime oxidant.

origin of hydrocarbon emissions, chiefly the automobiles that thread the city in all directions at all seasons.

Carbon Monoxide

Carbon monoxide is produced by the incomplete combustion of any organic fuel. Combustion is relatively complete in steam boiler burners and in other fuel-burning equipment that operates with an excess supply of air. The outstanding exception, the gasoline-powered internal-combustion engine, delivers the performance demanded of it only when operated with less air than is needed to burn all the hydrocarbons to carbon dioxide. Thus, the ubiquitous automobile is the principal source of carbon monoxide.

Difficulties with the carbon monoxide monitoring instrument invalidated all but 3 months of data during 1962 and 1963. Most of the monthly diurnal patterns of 1964 and 1965 (Figure 2-13) show a consistent peak between 6 and 8 a.m. and lesser peaks between 4 and 6 p.m. These peaks coincide with the weekday surges of commuter traffic, as do the peaks of the other two pollutants that derive principally from automobiles, total hydrocarbon and nitric oxide.

Average Concentration as it Depends on Averaging Interval

When a maximum 5-minute pollutant concentration for a month is combined with 11 contiguous 5-minute values to arrive at an hourly average, that hourly average also may be the maximum hourly average for the month. Similarly, the maximum hourly value may contribute to the maximum daily average for the month. The variations in maximum concentrations and in concentrations exceeded by given percentiles of readings with progressively longer averaging intervals are depicted in Figure 2-14. The long-term average, of course, is not affected by averaging time.

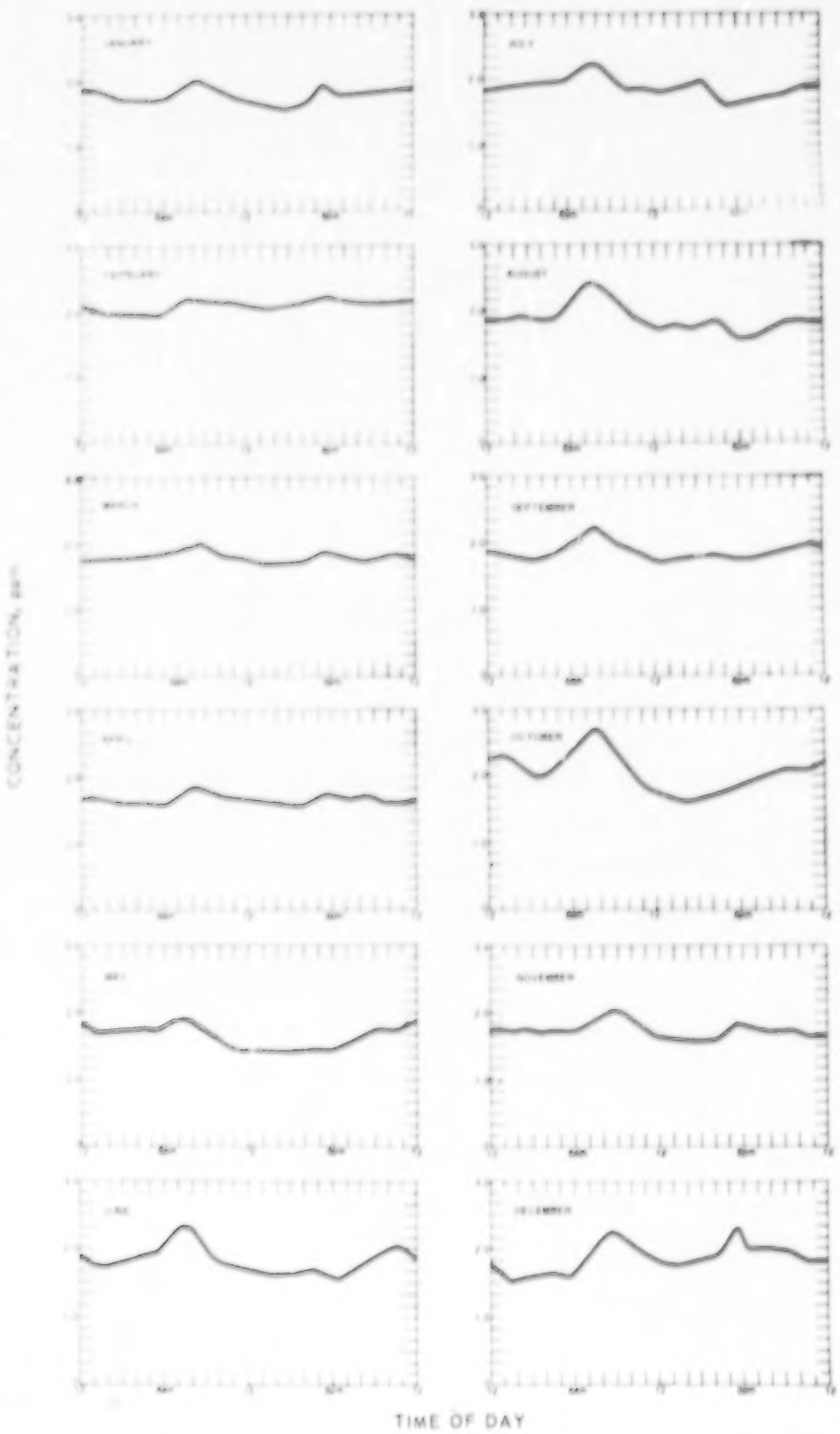

Figure 2-11. Diurnal patterns of total hydrocarbon concentrations by month.

The percentile curves are relatively flat from the 5-minute to the 1-hour averaging interval. For example, for all six gaseous pollutants, the concentration

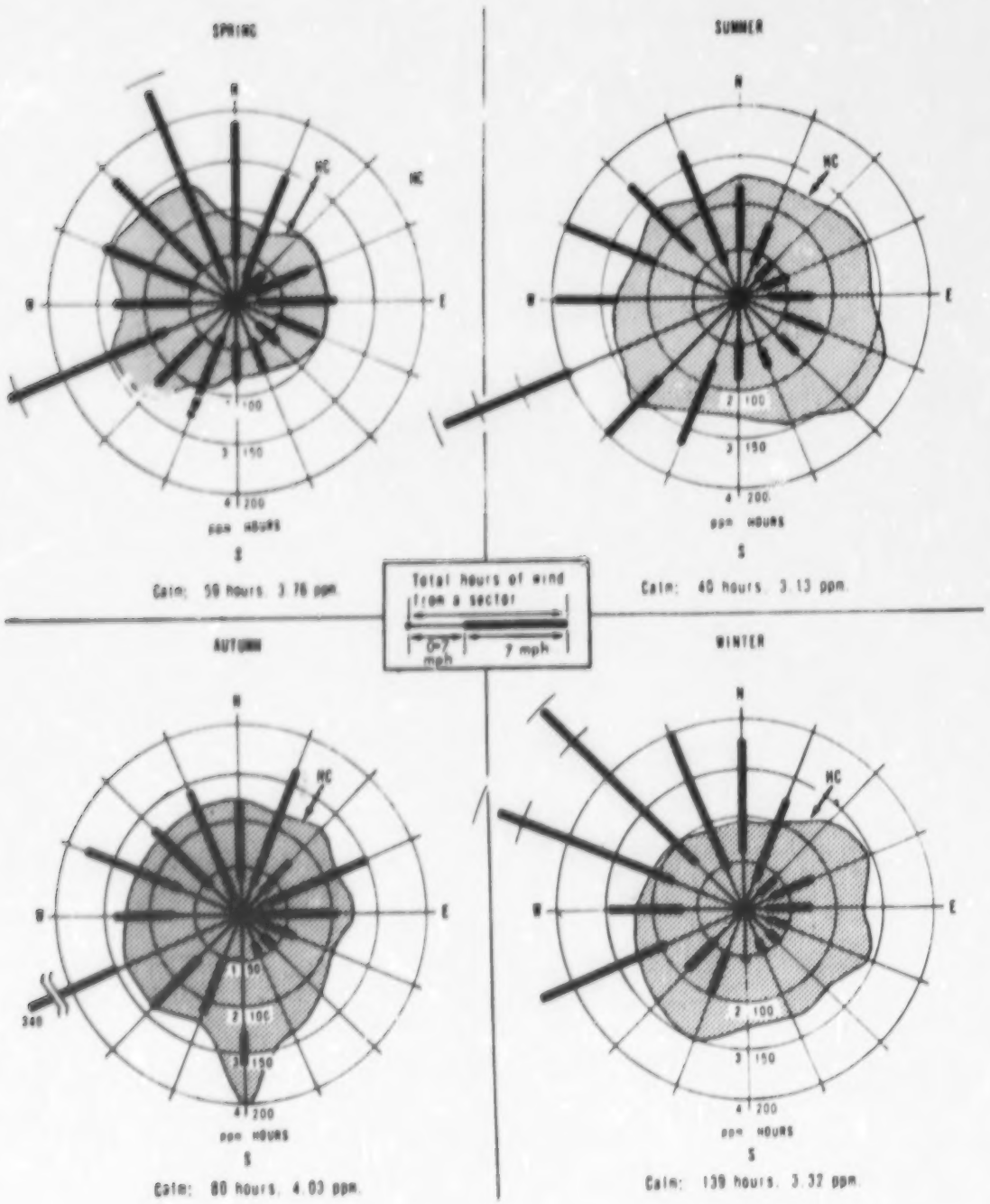

Figure 2-12. Hydrocarbon concentrations and wind direction, Philadelphia - 1963.

exceeded by 1 percent of the hourly averages differs only slightly from the concentration exceeded by 1 percent of the 5-minute values. Since this difference is slight, instruments with a 1-hour integrating time probably would provide sufficient information about air quality at less expense than the stations now operated by CAMP. Although the curve of the maximum value rises for averaging intervals of less than 1 hour, it soon levels out, appearing to reach a peak of at least 10 or 15 minutes duration. To some extent, however, the duration of this peak is a

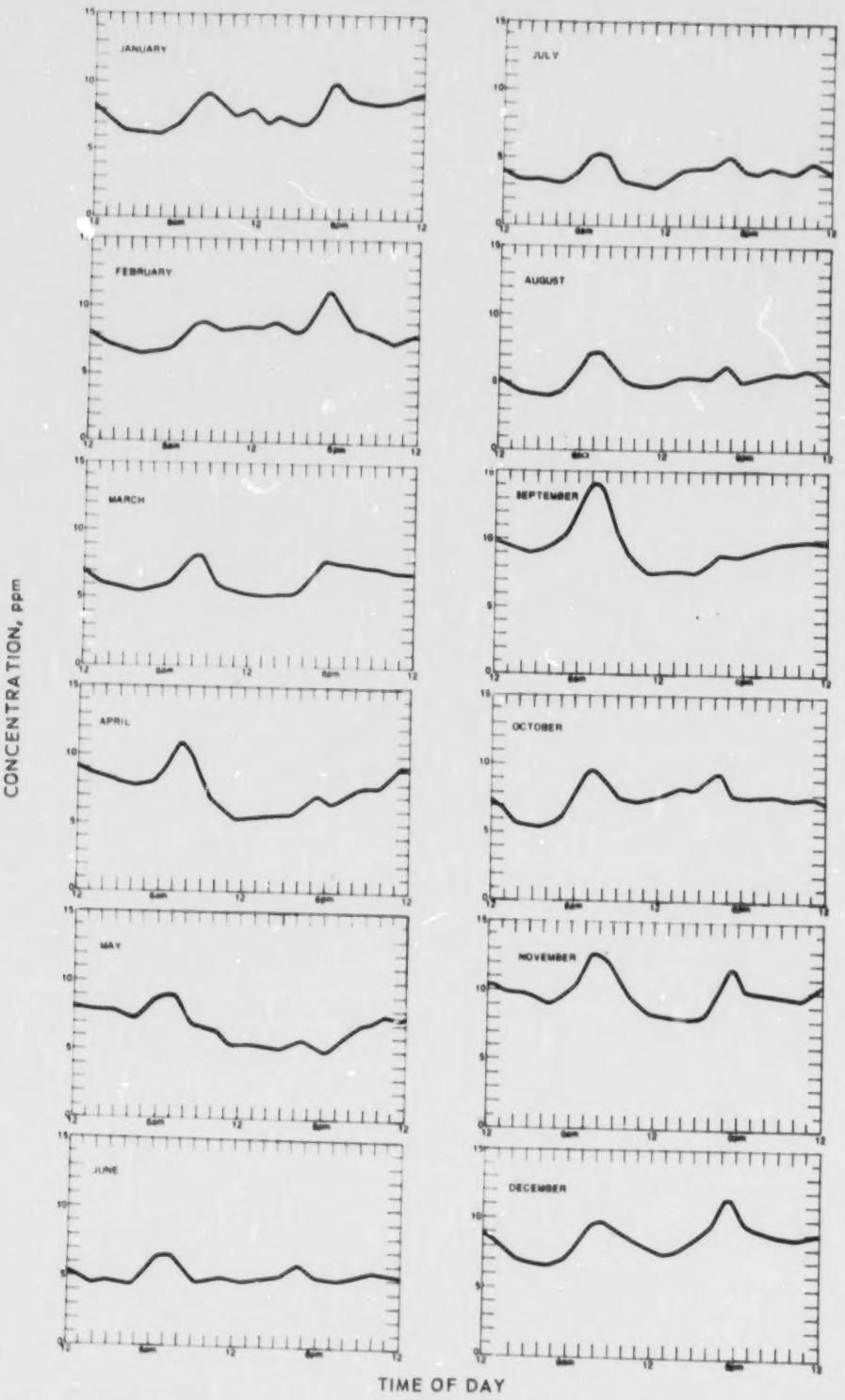

Figure 2-13. Diurnal variation of carbon monoxide level, (1964 - 1965 only).

consequence of the response times of the instruments. (See Appendix A: Instrumentation and Methods). Once these characteristic curves of the distribution of values for various averaging times have been established for an area, more extensive

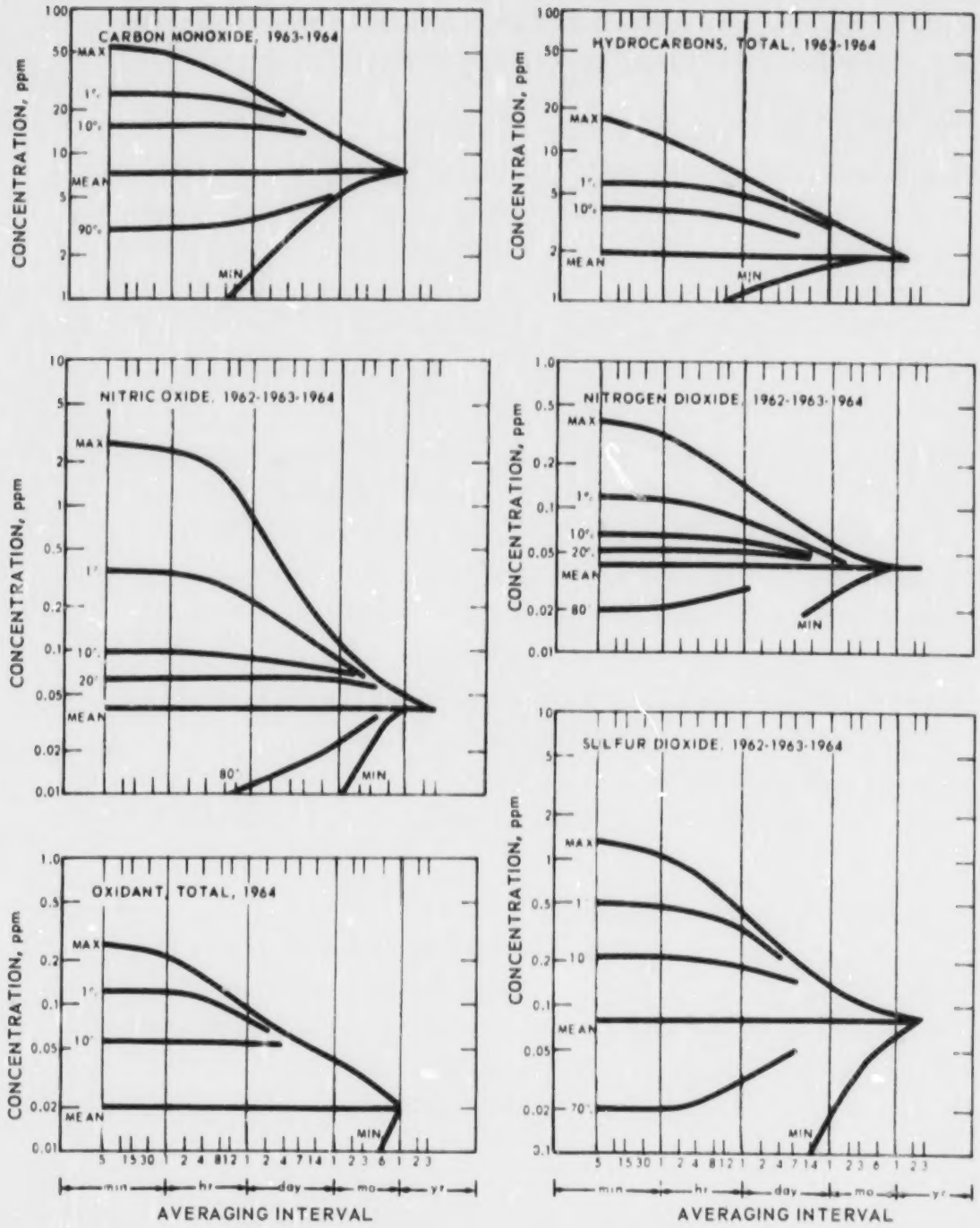

Figure 2-14. The concentration exceeded by a given percent of the value varies with the length of the averaging interval.

sampling should be possible with simpler and less expensive equipment such as liquid impingers. Also, an expected distribution of values at short intervals might be extrapolated from a known distribution of values at longer intervals. For example, 1-hour and 5-minute maximums could be estimated from the known 24-hour maximums. An extensive analysis of these curves for all CAMP data is being conducted. If

consistent relationships between distributions of values for various sampling intervals can be defined, complicated short-interval monitoring might be eliminated.[13]

Diurnal Patterns for Weekdays, Saturdays, and Sundays

Previous discussions of some pollutants. have referred to the relationship between emissions and the pattern of daily activities, and in previous diurnal patterns, all days of the week have been averaged together. However, since patterns of human activity are not the same every day, diurnal patterns can be analyzed more precisely if data are grouped according to day-of-the-week. For this summary, weekdays are grouped together, and Saturdays and Sundays are considered separately (Figure 2-15).

The most prominent distinction among these curves is the presence or absence of a morning peak. The weekday morning peak for emitted pollutants regularly exceeds the Saturday morning and Sunday morning peaks. NO, NO_2, and CO have no discernable morning peaks in the Sunday patterns and have intermediate morning levels in the Saturday patterns. NO and CO patterns indicate that traffic is heavier on Saturday night than on other nights.

The similarity among weekday, Saturday, and Sunday patterns for total oxidant suggests that even though the levels of oxides of nitrogen and total hydrocarbons are lower on Saturday and Sunday, amounts of these pollutants in the atmosphere are still adequate for undiminished photochemical production of oxidants.

Incidents of High Pollution

Some exceptionally high concentrations of one or two pollutants are traceable to a strong, nearby source, but such concentrations generally affect only a small portion of the community and involve only those pollutants characteristic of the source. The more familiar incident of high pollution lingers or recurs over a period of several days, is characterized by similar patterns of build-up and decline in concentrations of most or all of the emitted pollutants, and affects the entire community. Such an incident is the result of minimum natural ventilation due either to a prolonged nocturnal inversion or to a general atmospheric stagnation. Whether the resulting pollution includes discomforting amounts of photochemical smog depends on the intensity of solar radiation reaching the polluted layer of the atmosphere.

Table 1-4 lists all of the U.S. Weather Bureau's Air Pollution Potential Forecasts from 1962 through 1965 that included the Philadelphia area. These predict stagnations that if confirmed are expected to persist for at least 36 hours beyond the routine announcement time of 12 noon. The highest 5-minute concentration and the highest hourly average concentration of each pollutant during each period are listed in Table 2-9. A comparison of these maximums during forecast

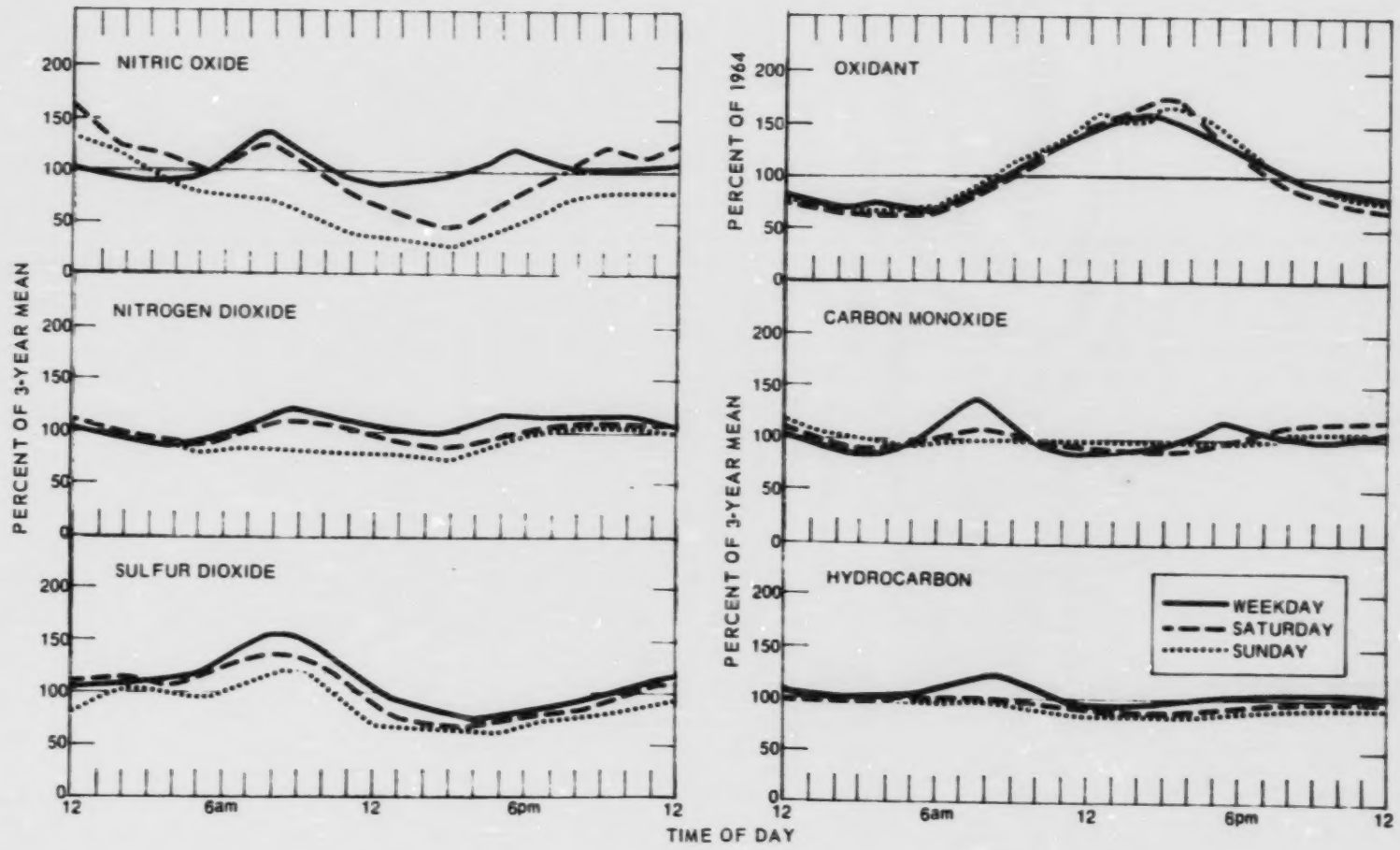

Figure 2-15. Diurnal patterns of gaseous pollutants for weekdays, Saturdays, and Sundays.

Table 2-9. MAXIMUM POLLUTANT CONCENTRATIONS DURING AIR POLLUTION POTENTIAL FORECASTS FOR PHILADELPHIA

(ppm)

Forecast period	CO		NO		NO_2		SO_2		HC		OX[a]	
	5 min	hour avg	5 min	hour avg	5 min	hour avg	5 min	hour avg	5 min	hour avg	5 min	hour avg
Oct. 2-4, 1962	-	-	0.31	0.25	0.15	0.13	1.25	1.03	9	7	-	-
Nov. 29-Dec. 4, 1962	51	47	1.58	1.57	0.24	0.22	0.60	0.45	10	10	-	-
June 24-25, 1963[b]	-	-	0.23	0.16	0.11	0.10	0.22	0.14	8	6	-	-
July 26-28, 1963	-	-	0.21	0.19	0.12	0.12	0.04	0.01	7	7	-	-
Oct. 21-22, 1963	20	15	-	-	0.15	0.14	0.41	0.28	6	5	-	-
Oct. 25-27, 1963	36	29	0.78	0.70	0.23	0.21	0.71	0.47	12	10	-	-
Sept. 7-10, 1964	16	12	0.33	0.20	0.12	0.11	-	-	9	7	0.20	0.18
Oct. 18-21, 1965	24	18	0.47	0.41	0.14	0.12	0.65	0.54	5	5	0.17	0.14
4-year maxima	67	54	1.72	1.57	0.37	0.32	1.25	1.03	17	13	0.35	0.33
4-year, 99th percentile	22	22	0.34	0.33	0.11	0.11	0.49	0.46	6	6	0.14	0.14

[a] OX data for 1962 and 1963 not included because of SO_2 interference.

[b] NO_2 data for June 24 only; total hydrocarbon data are for June 25 only.

stagnations with the 5-minute and hourly maximums for the entire 4 years (shown at the bottom of Table 2-9) shows that the highest values do not always occur during the extended stagnations. However, a comparison of the stagnation period maximums with the 99th percentile concentration (also shown in Table 2-9) indicates that the maximums reached during a stagnation often are among the highest 1 percent of the measured concentration.

At least one stagnation, which because of its brevity was not included in the high pollution potential forecasts, deserves some discussion. At noon on February 6, 1963, Philadelphia was under a stagnating air mass, but ventilation was expected to, and in fact did, improve in less than 36 hours. However, during this brief episode, the CAMP instruments recorded the highest 5-minute NO concentration (1.72 ppm) of the entire 4-year period. Figure 2-16 depicts the variations in the hourly average concentrations of NO, NO_2, SO_2, and total hydrocarbons for February 4 through 8, 1963. The peak concentrations of these pollutants were recorded on February 6, a cloudless Wednesday when wind speeds averaged 2.6 mph and low-level smoke and haze were reported during the entire day.

The hourly average concentrations of NO and of total hydrocarbons reached maximums of 0.77 ppm and 8 ppm respectively at about 8 a.m. on February 6. During a second, broader peak from 8 p.m. to 10 p.m. the same day, NO concentration reached an hourly average of 1.51 ppm, and hydrocarbon concentrations again averaged 8 ppm. The following morning, the concentrations of these two pollutants rose to a third peak, again about 8 a.m., with NO averaging 1.06 ppm and hydrocarbons averaging 7 ppm.

The pattern of hourly average NO_2 concentrations for this period shows three peaks about an hour after the NO and hydrocarbon peaks. Sulfur dioxide concentrations reached a 5-minute maximum of 0.98 ppm around 10 a.m. on the 6th but exhibited only minor, low-level fluctuations during the rest of this period. Because of SO_2 interference, oxidant concentrations could not be determined.

Shortly after noon on the 7th the wind began to strengthen from the NE and the air quality improved.

Soiling Index

An AISI* tape sampler, used to determine soiling capacity of the atmosphere, was installed at the CAMP station in January, 1963. This sampler collects fine suspended particulates on segments of a filter tape for consecutive 2-hour periods. The soiling index, reported in COH (coefficient of haze) units per 1000 feet of air,

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*Mention of a commercial product does not imply endorsement by the Public Health Service.

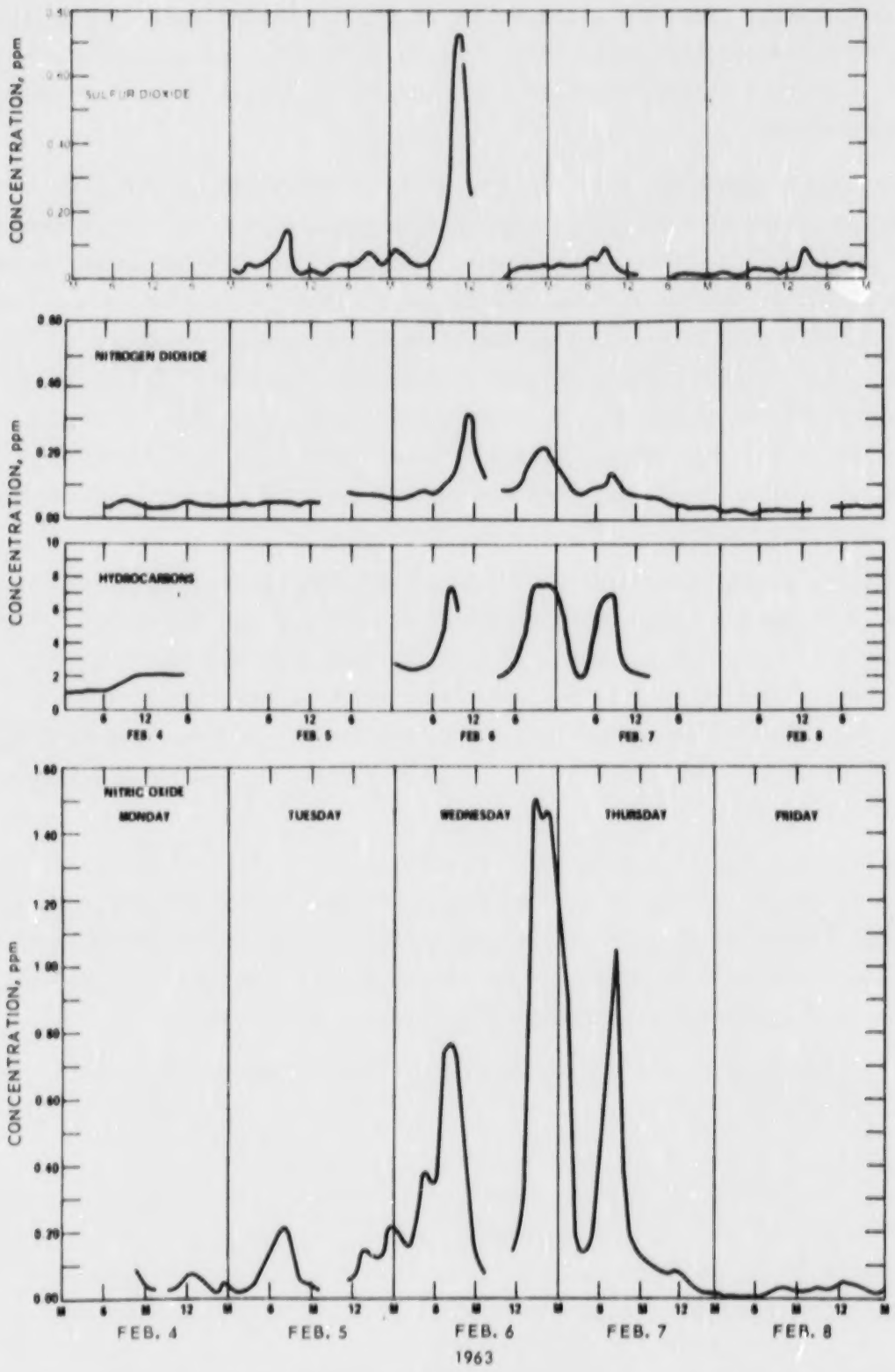

Figure 2-16. Diurnal variation of gaseous pollutants during a period of restricted ventilations, Philadelphia, Feb. 4-8, 1963.

is determined from the amount of reduction in the transmission of light through the tape caused by the deposit of particulate matter.

The seasonal averages (Figure 2-17) follow the general pattern of heating fuel consumption; highest in winter, lowest in summer, and intermediate in spring and fall. The diurnal pattern follows the general pattern of the emitted gaseous pollutants, an early morning maximum followed by a midafternoon minimum and a rise in the late afternoon.

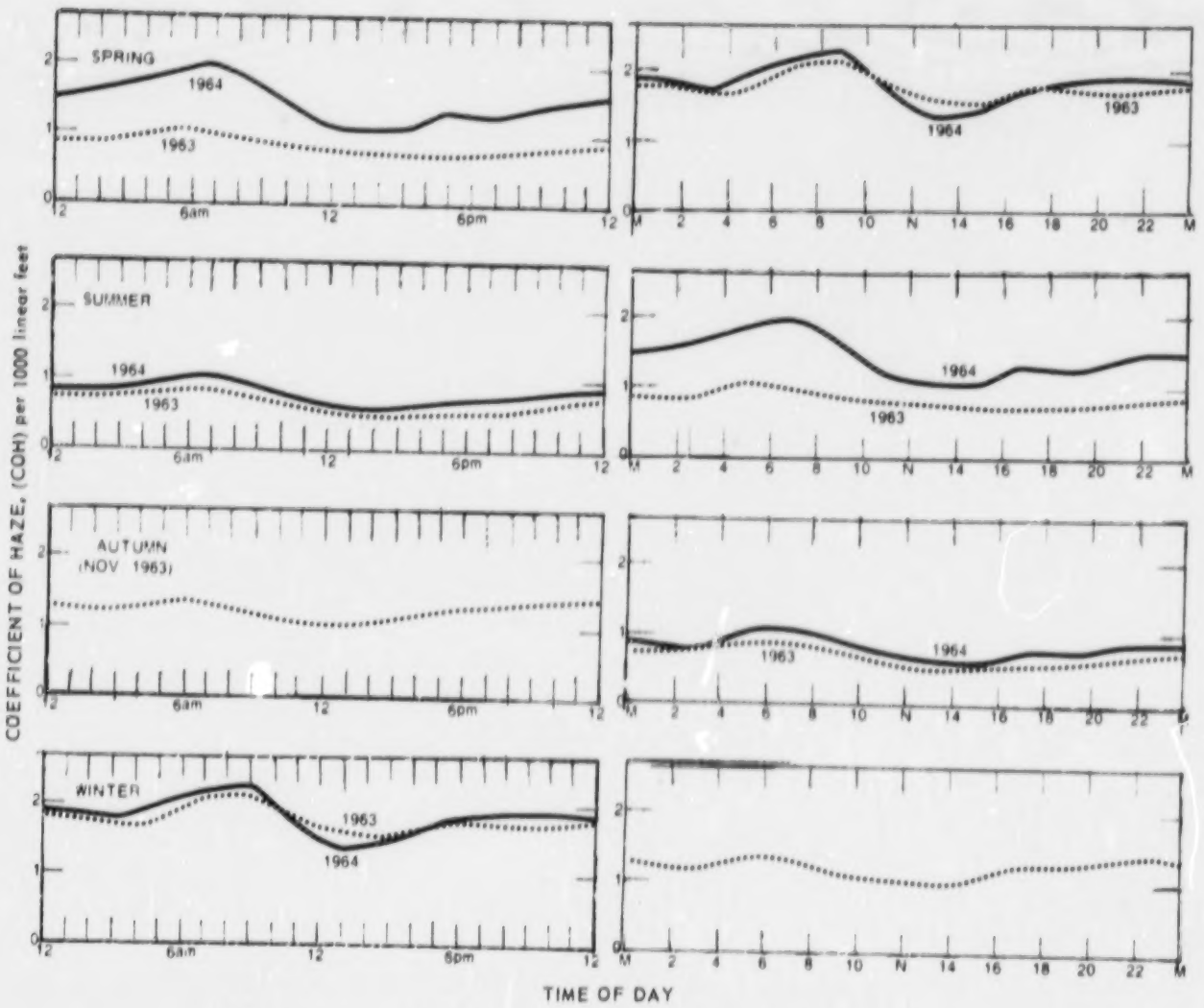

Figure 2-17. Diurnal variation of soiling index (COH) by season.

PART 3. DATA TABLES

The data gathered during the first 4 years of CAMP operation in Philadelphia are summarized in the following tables. Although these tables are intended as references, the data are necessarily condensed. Anyone desiring further information should contact the Chief, Division of Air Quality and Emission Data, National Air Pollution Control Administration, Consumer Protection and Environmental Health Service, DHEW, 801 North Randolph Street, Arlington, Virginia 22203.

GASEOUS POLLUTANTS

Tables 3-1 through 3-250 list hourly pollutant concentration averages by month for the six pollutants:

Carbon monoxide	Tables 3-1 through 3-27
Nitric oxide	Tables 3-28 through 3-73
Nitrogen dioxide	Tables 3-74 through 3-120
Sulfur dioxide	Tables 3-121 through 3-165
Total hydrocarbons	Tables 3-166 through 3-204
Total oxidant	Tables 3-205 through 3-250

Values in each table are the arithmetic means of the 5-minute values in the clock hour beginning at the time indicated in the table. No average is calculated if the hour is considered invalid, i.e., if fewer than seven 5-minute values are valid. Similarly, if a calendar day had fewer than 13 valid data hours, it is considered invalid and no averages are listed for that day. Although this procedure results in the loss of a few valid hourly averages, the data thus lost are usually concentrated at the beginning or end of a day. Since pollutant concentrations show considerable diurnal variation, the inclusion of data for partial days would introduce a definite bias into the monthly mean concentrations.

The first summary line at the bottom of each table (titled Monthly Mean) contains the arithmetic means of the hourly averages, representing the pattern of diurnal variation for the month. This average is not calculated unless 16 or more hourly averages are given. The number of hourly averages and maximum hourly average in each column are given in the second and third summary lines respectively.

The first summary column at the right of each table (titled Daily Mean) lists the arithmetic mean* of the 13 or more hourly averages comprising each row, and

*All summary calculations in the tables are performed before the hourly averages are rounded.

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the second lists the number of valid hourly averages in each row. The third summary column lists the maximum 5-minute value included in valid hours of the day. The largest of these, printed in the extreme lower right corner, is not necessarily the maximum for the month, since some valid hours may have been deleted as parts of invalid days; the maximum 5-minute concentration during the month is best obtained from the tables of frequency distributions, which are compiled without consideration of the validity of any hour or day.

Two summary figures appear in the lower right corner. The first is the monthly average, an arithmetic mean, and appears only if 16 or more days (a valid data month) were valid. The second is the total number of valid hours included in the table, which offers some basis for judging the representativeness of the monthly average. (A 31-day month has 744 possible hours; a 30-day month, 720; and a 28-day month, 672.)

SOILING INDEX

Tables 3-251 through 3-276 present monthly soiling index values recorded at the CAMP station. Each value was obtained from a 2-hour integrated sample beginning at the time indicated in the column heading. A missing value indicates that the sample was not taken or was invalid because of instrument malfunction.

The first summary line (titled Monthly Mean) represents the arithmetic mean of the 2-hour average values in the column, and is calculated only if 16 or more days are represented. The first summary column (titled Daily Mean) is the arithmetic mean of the 2-hour values for the day; if fewer than seven such values are present, the daily mean is not calculated, and the data are not included in the summaries, but the component 2-hour values for the day are not deleted from the table as with data on gaseous pollutants.

Three summary figures appear in the lower right corner; the mean and maximum values for the month are the upper left and lower right figures respectively, and the center figure is the total number of values. (A 31-day month could have 372 such values; and a 30-day month, 360; and a 28-day month, 336.) The monthly mean and the summary rows at the bottom are not presented if there were fewer than 16 valid data days during the month.

CARBON MONOXIDE
DATA TABLES
3-1 through 3-27

Table 3-1. NOVEMBER, 1962, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)
Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16																											
17*																											
18*																											
19																											
20																											
21																											
22																											
23																											
24*																											
25*																											
26																											
27																											
28																											
29																											
30	17	19	17	15	13	13	15	20	23			13	12	13	13	14	18	37	47	46	42	37	33	26	22.8	22	51
MEAN	1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	1	1	1	1			
NO.	17	19	17	15	13	13	15	20	23			13	12	13	13	14	18	37	47	46	42	37	33	26	22.8	22	51
MAX																											

* Indicates Saturday or Sunday
Local standard time used

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Table 3-2. DECEMBER, 1962, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX.
1*	26	26	26	22	18	18	18	20	20	22	19	19	16	14	16	19	22	34	45	47	41	36	30	28	25.0	24	49
2*	27	26	23	18	17	17	17	16	17	16	15	16	17	17	16	16	18	18	18	18	17	17	16	17	17.9	24	29
3	16	15	14	14	15	15	16	18	20	19	17	17	17	18	19	21	22	27	22	22	20	20	20	19	18.4	24	39
4	17	20	18	18	18	17	20	22	22	21	20	19	19	18	19	20	21	23	20	18	18	19	18	18	19.2	24	27
5	17	16	16	16	16	16	17	18	17	17		17	16	17	17	17	19	20	19	18	18	18	18	18	17.3	23	26
6	17	17	16	16	16	16	17	18	19	19	19	18	17	16	16	14	14	14	13	13	13	12	13	16	15.8	24	22
7	16	15	15	15	13	15	13	16	13	13				15	14	13	14	14	13	13	13	13	13	14	14.1	21	20
8*																											
9*																											
10																											
11																											
12	7	6	6	5	5	5	5	6	7	10	10	11	10	9	9	9	10	10	7	6	6	6	5	5	7.1	24	14
13	5	4	4	4	4	4	4	5	5	6	7	8	10	8	8	8	8	9	5	5	6	5	6	6	6.0	24	18
14	7	6	6	6	5	5	6	6	6	7	8			11	9	8	9	10	6	6	6	6	6	7	6.8	22	18
15*	7	6	5	5	5	6	6	7	7	9	11	11	11	11	11	9	9	9	9	9	9	10	10	11	8.4	24	14
16*	10	10	10	11	11	10	9	9	9	10	12	13	13	13	12	12	11	11	11	10	10	10	10	10	10.7	24	13
17	9	9	10	9	9	10	11	13	13	13	12	12	12	12	13	14	15	18	15	13	13	14	13	12	12.2	24	24
18	13	11	11	11	11	12	13	14	14	14	13	14	14	15	15	15	15	17	15	15	15	18	15	15	13.9	24	24
19	14	15	14	13	16	16	15	16	16	20	16	17	15	16	16	16	17	19	17	17	18	18	18	18	16.3	24	23
20	17	16	14	14	14	14	14	15	15	15	14	14	14	15	14	13	13	14	12	11	10	9	9	9	13.2	24	19
21	9	9	8	8	8	8	8	10	11	11			15	14	17	17	17	17	15	14	14	14	14	16	12.4	22	25
22*	15	14	14	14	15	15	14	16	15	15	14	14	15	15	13	12	13	13	13	12	12	12	12	12	13.7	24	20
23*	12	11	11	11	11	11	11	11	11	13	17	15	13	16	13	12	12	13	13	13			10	11	12.2	22	21
24	11	10	10	10	10	9	10	11	10	10	11	13	13	11	11	10	11	11	11	11	11	11	11	11	10.7	24	15
25	11	11	10	11	11	11	12	11	11	12	13	13	13	13	14	15	14	13	13	14	15	15	14	14	12.6	24	18
26	13	13	12	13	13	12	13	15	15	16	16	15	14	14	15	14	14	14	13	13	12	12	11	12	13.5	24	22
27	11	11	10	9	9	9	10	11	12	13	15	16	16	15	15	17	21	20	18	17	15	15	15	13	13.9	24	41
28	13	12	12	11	11	10	11	12	13	14	13			14	15	15	15	19	15	19	18	20	16	14	14.1	22	28
29*	14	13	17	17	14	13	15	16	17	19	19	19	18	17	17	16	16	16	14	14	14	13	13	12	15.6	24	21
30*	12	11	10	9	9	9	8	8	7	9	10	10	11	9	9	8	8	6	5	5	7	9	9	9	8.5	24	13
31	9	9	8	8	8	9	9	9	9	9	8	8	8	7	7	6	6	7	6	6	6	6	6	7	7.5	24	11
MEAN	13	13	12	12	11	11	12	13	13	14	14	14	14	14	14	14	14	15	14	14	14	14	13	13	13.2		
NO.	27	27	27	27	27	27	27	27	27	27	24	23	24	27	27	27	27	27	27	27	26	26	27	27		636	
MAX	27	26	26	22	18	18	20	22	22	22	20	19	19	18	19	21	22	34	45	47	41	36	30	28	25.0		49

* Indicates Saturday or Sunday

Local standard time used

Table 3-3. JANUARY, 1963, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	6	6	6	6	6	6	6	5	6	6	8	9	10	10	10	9	10	10	9	10	10	9	9	9	7.9	24	11
2	9	9	8	8	8	9	9	10	11	11	12	13	14	14	14	14	18	18	14	13	13	12	12	12	11.9	24	24
3	12	11	11	11	11	11	12	15	17	19	16	15	15	16	16	16	19	19	16	15	14	15	15	15	14.7	24	25
4	15	15	14	13	12	12	13	15	16	16	14	14	14	15			15	18	14	12	12	12	12	12	13.8	22	21
5*	12	12	12	12	11	11	11	12	13	16	16	16	16	16	15	14	16	16	14	14	17	17	14	15	14.0	24	22
6*	14	14	13	14	13	12	12	12	12	13	15	16	16	15	16	17	17	15	15	15	15	16	15	16	14.5	24	19
7	17	17	15	12	12	13	17	24	28	26	21	22	23	24	22	21	23	22	20	17	16	18	18	19	19.4	24	33
8	17	15	16	17	16	17	19	21	21	19	18	17	17	17	16	17	19	19	19	18	17	16	16	16	17.4	24	23
9	16	15	13	13	14	14	16	20	21	22	19	19	19	20	19	20	21	18	17	17	19	17	17	18	17.7	24	25
10	17	17	20	18	22	25	22	21	22	23	22	21	20	18	20	20	22	24	20	20	22	24	25	25	21.1	24	30
11																											
12*										17	20	21	19	18	16	16	16	15	15	13	12	12	12	13	15.7	15	25
13*	12	11	10	11	10	10	11	11	11	11	14	11	13		11	9	9	9	8	8	8	7	7	7	9.9	23	14
14	6	6	6	6	6	6	7	8	9	9	8	9	10	8	8	8	8	9	7	7	7	7	8	8	7.6	24	13
15	9	9	8	8	10	9	10	13	13	11	12	12	11	12	13	13	11	13	13	12	11	11	12	12	11.1	24	16
16	12	10	9	8	8	8	9	13	14	15	15	16	14	14	13	13	14	16	14	11	12	12	13	12	12.2	24	25
17	11	11	11	13	11	11	12	14	16	17	15	17	15	17	14	13	16	18	14	13	13	15	21	18	14.2	24	30
18	22	19	14	13	13	16	17	23	29				22	21	22		29	27	26	23	17	16	15	15	19.9	20	35
19*	15	13	12	12	12	11	13	14	15	17	17	16	15	15	16										14.2	15	19
20*																											
21																											
22																											
23																											
24																											
25																											
26*																											
27*																											
28																											
29																											
30																											
31																											
MEAN	13	12	12	11	12	12	13	15	16	16	15	15	16	16	15		17	17	15	14	14	14	14	14	14.2		
NO	17	17	17	17	17	17	17	17	17	17	17	17	18	17	17	15	17	17	17	17	17	17	17	17		407	
MAX	22	19	20	18	22	25	22	24	29	26	22	22	23	24	22	21	29	27	26	23	22	24	25	25	21.1		35

* Indicates Saturday or Sunday

Local standard time used

Table 3-4. APRIL, 1963, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1																											
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*																											
22																											
23																											
24																											
25	7	7	6	6	6	6	7	7	8	6	6	5	5	5	5			11	10	11	12	13	14	13	8.1	22	16
26	13	11	10	10	10	12	12	12	11	9	9	9	9	8	8	8	9	10	10	10	10	10	10	11	10.0	24	16
27*	11	11	10	10	10	10	10	10	9	9	8	8	8	9	8	8	8	9	9	10	10	11	11	11	9.3	24	12
28*	12	10	9	9	9	9	9	9	8	8	7	8	8	8	8	8	8	8	8	9	9	9	9	9	8.7	24	13
29	9	9	9	8	8	9	10	10	10	8	7	7	7	7	7	8	8	8	8	8	8	8	9	9	8.4	24	12
30	9	8	8	8	8	8	9	9	8	7	8	8	9	9	9	8	9	7	8	8	8	8	7	7	8.0	24	10
MEAN																											
NO	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	5	5	6	6	6	6	6	6	6		142	
MAX	13	11	10	10	10	12	12	12	11	9	9	9	9	9	9	9	9	11	10	11	12	13	14	13	10.0		16

* Indicates Saturday or Sunday

Local standard time used

Table 3-5. MAY, 1963, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	6	6	6	6	6	7	7	7	7			7	7	7		7	8	7	6	7	7	6	7	7	6.8	21	11
2	7	7	7	7	7	7	8	8	7	7	6	6	6	6	6	7	7	7	7	8	9	8	9	8	7.2	24	10
3	8	8	8	9	11	13	14	13	8	7	6	6	6	6	6	6	7	7	8	8	8	10	9	9	8.2	24	15
4*	8	8	9	10	9	9	9	9	10	9	7	5	5	5	5	6	6	6	7	9	9	9	7	7	7.6	24	11
5*	8	7	8	8	8	8	7	6	6	7	8	7	7	8	7	6	7	7	7	7	8	7	7	7	7.2	24	10
6	7	7	7	7	8	8	10	9	9	8	7	6	6	6	6	7	8	7	7	7	7	7		7	7.2	23	11
7																											
8																											
9																											
10																											
11*																											
12*																											
13																											
14																											
15																											
16																											
17																											
18*																											
19*																											
20																											
21																											
22																											
23																											
24																											
25*																											
26*																											
27																											
28																											
29																											
30																											
31																											
MEAN	6	6	6	6	6	6	6	6	6	5	5	6	6	6	5	6	6	6	6	6	6	6	5	6	8.2	140	15
NO.	8	8	9	10	11	13	14	13	10	9	8	7	7	8	7	7	7	7	7	8	9	10	9	9			
MAX																											

* Indicates Saturday or Sunday
Local standard time used

Table 3-6. OCTOBER, 1963, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX
1		8	8	6	7	8	13	12	6	4	1					4	5	4	4	4	4	3	4	4	5.7	19	19
2	5	2	1	4	3	3	6	5	4	4	3	3	3	3	3	4	6	6	3	3	5	4	8	8	4.3	24	11
3	9	4	4	5	5	8	9	8	5	4	4	4	3	4	4	4	5	5	3	2	2	2	3	3	4.5	24	13
4	2	2	2	2	2	3	5	4	4	3	3	4	4	4	4	6	6	7	7	5	5	5	5		4.0	23	11
5*																											
6*																											
7												3	4	4	4	5	5	5	6	4	3	4	5	4	4.2	13	10
8	3	2	5	2	3	3	7	8	6	4	3	2	3	6	2	4	4	2	2	2	1	1	2	1	3.2	24	11
9	1	0	0	0	1	1	7	6	3	1	1	2	3	3	4	4	5	5	8	8	3	4	4	5	3.3	24	15
10	9	7	6	7	10	15	24	24	14	6	4	4	6	8			10	8	7	5	5	5	6	7	8.8	22	28
11	5	5	5	5	5	6	11	10	8	6	6	6	8	9	9	8	8	6	7	8	6	5	5	6	6.7	24	13
12*	6	6	5	5	4	4	5	5	5	5	6	7	7	6	7	7	6	6	6	6	6	6	6	5	5.7	24	9
13*	5	9	17	22	24	25	26	23	11	8	6	7	8	9	8	9	8	8	10	8	9	8	8	8	11.8	24	27
14	6	5	12	20	24	27	36	29	18	11	7	5	6	6	7	6	8	7	8	8	7	7	7	7	11.8	24	38
15	6	5	6	4	6	11	26	17	10	9	9	8	9	9	7	8	10	8	7	7	9	7	10	8	8.9	24	31
16	6	9	10	8	7	9	15	13	13			4	5	7	7	8	8	15	27	23	17	18	14	17	11.8	22	33
17	10	5	4	3	3	5	7	6	6	4	4	5	6	9	9	10	12	11	30	17	8	6	7	7	8.0	24	39
18	6	5	5	6	5	5	8	13	15			7	8	10	9	14	13	13	24	30	11	7	8	8	10.4	22	41
19*	13	19	21	17	17	14	17	20	18	14	15	16	13	11	11	10	11	14	13	12	11	15	18	25	15.1	24	27
20*	23	25	16	9	11	8	9	8	7	7	8	9	11	10	10	10	10	10	10	11	11	11	8	10	10.9	24	27
21	10	7	7	11	7	8	14	15	14	10	4	1	5	5	7	10	11	9	7	4	3	2	5	6	7.5	24	20
22	5	5	5	2	6	7	5	8	5	2	2	1	3	3	4	6	7	4	2	2	1	2	3	3	3.9	24	11
23	2	1	1	1	2	5	8	7	6	3		3	5	6	7	11	13	9	10	15	13	8	9	7	6.6	23	20
24	5	5	5	7	10	15	22	28	12	7	8	11	10	11	9	10	12	10	9	9	7	8	8	8	10.2	24	33
25	8	8	9	10	12	14	19	29	24	10	6	5	6	5	6	7	7	5	6	7	7	6	7	7	9.5	24	36
26*	7	8	8	5	6	6	6	8	7	4	3	5	5	5	5	5	6	6	7	9	8	9	8	9	6.4	24	11
27*	6	6	7	7	7	7	8	6	7	6	6	6	6	9	8	7	7	8	9	8	8	8	9	9	7.3	24	12
28	9	11	8	5	7	5	7	8	10						7	7	9	12	7	12	8	19			8.9	17	45
29																											
30																											
31																											
MEAN	7	7	7	7	8	9	13	13	9	6	5	5	6	7	7	7	8	8	9	9	7	7	7	8	7.7		
NO.	24	25	25	25	25	25	25	25	25	22	21	24	24	24	24	25	26	26	26	26	26	26	25	24		593	
MAX	23	25	21	22	24	27	36	29	24	14	15	16	13	11	11	14	13	15	30	30	17	19	18	25	15.1		45

* Indicates Saturday or Sunday

Local standard time used

Table 3-7. FEBRUARY, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN. MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*																											
2*																											
3																											
4																											
5	8	8	8	8	8	8	9	11	11	10							6			12	12	15	21	31	11.5	16	33
6	26	15	10	8	7	7	7	9	10	10	10	9	9	9	8	10	15	15	9	6	6	5	5	5	9.6	24	32
7	5	5	5	5	5	6	6	7	8	8	7	8	6	5	4	3	5	7	10	9	9	6	6	7	6.3	24	12
8*	7	6	6	6	6	6	6	6	6	8	9	9	9	10	10	9	9	8	8	8	8	7	8	8	7.4	24	12
9*	7	7	7	7	7	7	7	7	7	8	10	9	9	8	8	9	11	12	10	10	10	9	9	9	8.5	24	13
10	9	8	8	7	8	7	9	9	8	10	9	8	9	9	10	8	9	10	8	6	7	7	6	5	8.0	24	18
11	5	5	6	5	5	5	5	6	7	7	7	7	7	8	7	7	8	8	5	5	5	5	5	6	6.1	24	16
12	5	5	5	5	5	5	5	7	7	8	7	6	6	6	7	9	10	11	8	7	7	8	9	9	6.9	24	18
13	7	6	5	5	4	5	7	9	10			4	5	7	7	8	10	9	5	4	4	4	4	5	6.0	22	12
14	4	4	3	3	3	3	4	4	5	6	6	5	5	7	7	6	7	10	7	5	5	5	4	4	5.1	24	15
15*	4	4	4	4	4	4	6	9	7	7	8	8	7	7	7	8	8	8	8	8	7	6	6	6	6.5	24	12
16*	5	5	4	4	4	4	4	4	4	4	5	5	5	5	6	5	5	5	5	5	5	5	5	5	4.7	24	6
17	5	4	4	4	4	5	5	6	6	5	6	7	6	5	4	5	6	9	7	7	6	8	7	12	6.0	24	14
18	7	5	5	4	4	4	4	5	6	7	6	7	7	7	8	7	8	9	5	4	3	3	2	3	5.3	24	13
19	2	2	2	2	2	2	2	3	4	4	3	3	3	3	3	3	4	4	4	3	3	4	3	3	3.0	24	9
20	3	3	2	3	3	3	4	5	5						2	3	4	7	5	5	5	5	4	5	3.8	19	9
21	5	5	5	5	5	5	6	8	7	6	5	6	6	5	4	4	5	7	6	5	5	6	5	6	5.4	24	11
22*	5	5	5	4	4	4	3	4	4	4	5	4	4	4	4	5	5	4	4	3	3	3	3	3	4.0	24	7
23*	3	3	3	3	3	3	3	3	3	4		2	3	3	3	3	2	4	4	5	4	4	3	4	3.2	23	6
24	4	3	2	2	2	4	5	5	6	5	5	6	6	6	6	6	8	10	6	5	5	4	4	4	4.9	24	14
25	5	4	4	4	5	5	5	6	9	9	9	8	7	7	6	7	8	9	8	7	6	6	6	7	6.4	24	16
26	9	7	7	7	8	8	7	9	8	9	8	8	6	6	3	4	6	7	7	7	6	5	5	5	6.8	24	15
27	5	5	4	5	5	5	5	7	7	7	8	7	6	6	5	5	6	9	8	8	7	8	7	6	6.3	24	17
28	6	5	6	5	5	6	8	9	10	9			1	3	5	7	9	11	8	7	6	6	5	5	6.4	22	13
29*	5	5	5	5	5	5	6	6	6	8	8	8	8	7	6	6	6	7	9	9	9	8	7	8	6.7	24	11
MEAN	6	5	5	5	5	5	6	7	7	7	7	7	6	6	6	6	7	8	7	6	6	6	6	7	6.1		
NO.	25	25	25	25	25	25	25	25	25	23	20	22	23	23	24	24	25	24	24	25	25	25	25	25		582	
MAX	26	15	10	8	8	8	9	11	11	10	10	9	9	10	10	10	15	15	10	12	12	15	21	31	11.5		33

* Indicates Saturday or Sunday

Local standard time used

Table 3-8. **MARCH, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)**

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1*	7	7	7	6	7	8	7	9	8	8	8	8	9		8	7	6	8	8	7	7	7	7	8	7.4	23	12
2	7	6	7	6	7	7	8	11	16	13	8	5	5	5	5	5	6	9	10	11	10	9	9	8	8.0	24	21
3	8	8	8	8	8	8	9	10	13	12	10	10	9	7	6	7	8	9	7	9	13	13	14	13	9.4	24	17
4	12	11	12	14	13	14	15	13	11	7	3	3	3	3	3	4	5	7	6	7	6	7	6	7	7.9	24	18
5	5	4	4	4	4	4	4	4	4	3	2	1	2	3	2	2	2	4	3	4	6	7	7	7	3.8	24	9
6	6	6	6	6	5	6	6	6	7	5			2	3	2	3	4	5	7	8	10	8	8	10	5.8	22	13
7*	10	7	6	5	5	5	5	5	6	6	6	5	5	5	3	3	3	4	5	6	7	6	7	7	5.6	24	12
8*	8	9	10	6	6	5	5	4	5	5	3	3	3	3	3	4	4	4	5	6	6	6	5	5	5.2	24	13
9	5	5	5	5	5	5	6	11	10	8	8	5	4	2	2	3	5	7	5	2	2	2	2	3	4.9	24	17
10	3	3	3	3	6	7	7	13	14	9	7	6	3	1	2	2	4	5	4	4	4	4	4	4	5.1	24	17
11	3	3	3	3	3	3	4	4	6	6	6	5	5	6	4	4	4	8	7	7	5	5	5	5	4.8	24	15
12	5	4	4	5	4	5	6	9	10	5	6	6	6	7	7	7	9	10	6	5	5	5	4	4	5.9	24	17
13	4	4	4	4	3	4	5	6	7	5	4	4				4	4	6	3	5	6	5	5	5	4.6	21	11
14*	5	4	4	4	4	4	4	5	5	4	4	3	4	4	5	6	8	7	6	7	8	5	5	5	4.9	24	9
15*	5	4	5	5	7	5	4	4	4	4	4	4	4	5	5	6	6	6	5	4	4	4	4	4	4.6	24	9
16	4	3	3	3	3	4	4	5	6	5	3	3	3	4	3	3	5	5	5	6	7	7	8	6	4.5	24	9
17	7	5	6	6	5	6	4	5	5	5	3	2	2	2	2	3	3	6	5	5	5	5	4	4	4.4	24	8
18	4	4	4	4	4	4	4	5	6	6	6	5	5	4	4	4	5	6	6	5	5	4	4	4	4.6	24	10
19	4	4	4	4	4	4	5	5	7	6	6	5						3	5	4	4	4	4	4	4.5	19	8
20	4	4	4	3	3	3	4	5	6	5	4	3	3				4	5	5	6	5	5	5	4	4.2	21	8
21*	3	3	3	3	3	3	3	3	4	4	5	5	5	5	4	4	4	3	3	3	3	3	3	3	3.7	24	7
22*	3	3	3	3	2	2	2	3	3	2	3	3	3	3	3	3	4	4	3	3	4	5	5	5	3.1	24	5
23	5	4	4	5	5	5	5	6	6	5	4	3	4	4	4	4	4	6	5	5	5	7	7	7	4.9	24	12
24	9	7	6	7	7	7	9	12	10	6	3	3	3	3	3	3	3	4	4	5	5	6	6	6	5.6	24	14
25	5	5	6	4	4	5	6	7	7	6	7	5	4	3	3	4	5	6	6	3	4	6	2	2	4.8	24	8
26	2	2	2	2	2	2	2	3	3	3	4	5	3	3	4	3	2	2			2	2	3	3	2.7	22	8
27	4	3	4	4	4	4	4	5	4	3			1	1	1	1		1	1	2	3	5	5	5	3.1	21	6
28*	6	5	4	5	5	4	5	5	4			1	3	3	2	3	3	5	6	6	7	7	7	6	4.6	22	8
29*	6	5	5	5	5	5	5	5	5	5	5	6	6	6	6	4	3	3	6	6	6	6	5	5	5.1	24	7
30	6	5	5	5	5	6	6	7	8	7	7	7	7	6	6	7	7	8	6	5	5	5	5	5	6.0	24	10
31	5	5	5	5	5	5	6	6	7	6	5	4	3	4	4	6	7	9	7	6	6	6	7	6	5.6	24	14
MEAN	5	5	5	5	5	5	5	6	7	6	5	4	4	4	4	4	5	6	5	5	6	6	6	6	5.2		
NO.	31	31	31	31	31	31	31	31	31	30	28	29	29	27	28	29	29	31	30	30	31	31	31	31		723	
MAX	12	11	12	14	13	14	15	13	16	13	10	10	9	7	8	7	9	10	10	11	13	13	14	13	9.4		21

* Indicates Saturday or Sunday

Local standard time used

Table 3-9. APRIL, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS.	5-MIN MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	6	5	5	4	4	4	5	6	8	6	5	4	3	4	4	4			5	6	7	8	7	7	5.1	22	10
2	8	6	5	5	4	4	5	8	7	5	3	2	2	1	2	2	4	5	4	3	3	3	3	3	4.0	24	9
3	3	3	3	5	5	3	3	6	4	3			1	2	2	2	3	5	5	5	5	5	5	5	3.8	22	8
4*	5	4	4	4	4	4	4	5	6	7	5	4	3	4	4	4	4	5							4.5	18	8
5*		6	6	5					6	5	5	5	4	5	6	7	9	10	7	5	6	7	7	7	6.1	19	11
6	6	6	6	6	5	6	7	7	8	8	7	8	9	7	7	8	10	13	9	8	9	7	7	8	7.6	24	18
7	7	6	7	7	6	7	8	10	12	10	8	9	9	9	8	10	14	20	12	12	13	10	8	8	9.5	24	30
8	8	7	8	9	9	8	11	11	17	12	10	8	5	4	5	5	6	6	5	5	4	4	4	4	7.2	24	23
9																											
10																											
11*																											
12*											3	4	5	7	5	6	7	6	5	4	5	5	8	8	5.6	14	14
13	7	6	6	8	6	6	7	9	10	7	8	8	9	9	9	6	9	10	8	6	5	6	6	5	7.3	24	16
14	7	6	7	8	5	9	12	7	10	8	8	9	8	5	6	7	6								7.4	17	19
15																											
16																											
17																											
18*	4	6	3	3	3	2	3	4	5	3	2	2	2	2	2	2	2	2	2	3	4	2	2	2	2.8	24	8
19*	3	2	8	6	6	6	6	6	7	7	7	6	13	9	4	4	8	4	3	5	10	12	11	10	6.6	24	19
20	7	7	9	9	7	7	8	12	14	14	12	12	9	9	10	11	12	14	12	11	10	10	10	10	10.3	24	24
21	7	6	4	5	6	7	9	10	10	10	9	10	11	12	13	13	13	17	12	13	11	13	11	13	10.2	24	25
22	12	12	11	12	12	12	12	17	17	16	16	15	17	15	15	12	12	17	18	18	17	17	18	18	14.9	24	29
23	19	19	18	18	18	18	18	19	17	10		4	4	5	4	4	4	6	5	6	8	8	6	6	10.6	23	24
24	7	8	5	4	4	5	6	6	8	6	6	4	4	4	3	4	5	7	6	6			17	19	6.5	22	20
25*	20	20	22	20	20	21	21	22	15	10	9	7	7	5	6	5	5	6	7	8	9	12	16	20	13.0	24	31
26*	18	17	17	15	13	17	17	14	6	4	5	4	2	3	2	4	4	3	3	10	12	15	16	16	9.9	24	28
27	15	17	17	17	17	19	24	17	9	4	3	3	5	6	4	5	5	2	6	6	12	6	7	7	9.7	24	39
28	8	8	9	11	12	13	21	18	10	9	7	4	9	7	6	8	11	9	6	8	11	12	13	16	10.2	24	25
29	18	18	20	19	19	20	22	21	21	21	21	16	16	20	22	23	24	19	18	17	19	15	18	17	19.3	24	31
30	18	17	18	17	17	16	21	22	21	20	22	22	23	21	20	20	14	11	17	17	15	15	16	19	18.3	24	28
MEAN	10	9	9	9	9	10	11	12	11	9	8	7	7	7	7	7	8	9	8	8	9	9	10	10	8.9		
NO.	22	23	23	23	22	22	22	22	23	23	22	23	24	24	24	24	23	22	22	22	21	21	22	22		541	
MAX	20	20	22	20	20	21	24	22	21	21	22	22	23	21	22	23	24	20	18	18	19	17	18	20	19.3		39

* Indicates Saturday or Sunday

Local standard time used

Table 3-10. MAY, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	21	21	19	22	21	21	22	24	24	18	11	9	13	7	5		9	8	9	9	15	13	15	14	15.3	23	27
2*	12	12	10	13	15	15	17	15	10	8	9	5	6	7	7	9	7	7	9	12	22	25	26	23	12.5	24	29
3*	24	23	23	23	24	23	25	23	18	12	11	11	10	9	9	7	9	9	10	13	12	13	17	18	15.6	24	29
4																											
5																											
6												1	2	4	3	5	10	8	4	8	10	12	14	17	7.6	13	20
7	19	16	16	18	17	19	19	20					4	5	5	6	9	8	7	9	8	8	10	10	11.6	20	21
8	10	9	9	9	10	11	14	15	13	7				5	7	9	7	5	4	6	4	2	5	5	7.9	21	16
9*	3	4	3	2	3	2	4	2	4	4				5	4	2	2	3	4	5	4	3	3	3	3.4	21	6
10*	2	3	4	4	5	5	4	8			8	10	11	11	11	10	11	10	9	13	19	18	19	14	9.3	22	21
11	13	12	14	13	15	19	19	15	11	9	10	9	9	10	11		9	8	2	3	3	5	5	6	10.1	21	21
12	7	7	7	5	7	7	6	9						7	8	8			8	8	9	10	8	10	7.8	19	13
13	10	9	11	9	10	11	11	13	11	9	9		7			6	10	8	3	8	5	6	6	5	7.8	22	17
14	5	4	4	3	4	6	7	8	7							4	4	5	4	5	7	7	7	11	5.7	19	13
15	9	8	9	6	4	9	11	9	9	11	8	6	6	5	4	4	3	2	4	4	7	5	1	2	6.0	24	14
16*					3	4	5	4	4	2	5	4			2	2	4	5	2	3	4	5	6	7	4.3	18	8
17*	5	4	6	4	4	4	5	6	5	5	5	5			5	5	4	5	3	4	7	5	6	7	5.6	24	11
18	11	9	12	11	11	14	13	10	7	5	8	9	5	8	8	9	8	7	5	8	9	9	10	8	10.4	24	27
19	19	23	19	17	12	12	15	12	7	7		2	7	8	8	2	5	3	2	11	10	16	19	24	7.7	22	25
20	3	2	3	3	3	4	5	4	3	3			2	2	2	2	2	1	1	2	1	2	3	4	2.2	20	7
21	1	1	1	1	1	1	2	3	2	1	3	6	5	6	6	5	5	5	5	4	3	4	4	4	3.4	24	8
22	4	5	5	4	2	3	4	3	3			3	3	4	5	5	5	4	4	4	4	4	4	5	3.9	22	7
23*	5	5	7	6	7	6	7	8	8	7	7	8	8	9	9	9	9	9	8	8	7	7	7	6	7.3	24	11
24*	6	6	6	6	6	6	6	6	6	7	7	8	7	8	8	8	8	7	7	7	8	8	11	6	6.9	24	14
25	6	6	7	7	7	9	9	8	5	4	3	3	5	5	5	5	6	5	4	4	4	5	6	6	5.7	24	11
26	5	7	6	7	6	7	9	7				4	7	6	6	7	8	7	6	4	3	3	4	4	5.7	21	12
27	5	4	5	4	4	6	4	3	2		3	4	4	4	4	4	5	4	5	5	4	4	6	6	4.2	23	7
28	7	6	4	4	4	5	5	5	4	4	3	3	2	2	1	1	2	2	3	3	4	4	5	4	3.6	24	8
29	4	3	2	2	2	3	4	3	2	1	1	1	1	1	1	2	2	2	3	3	5	3	2	2	2.4	24	6
30*	2	3	3	5	6	6	6	4	3			1	1	2	2	2	2	2	1	2	3	2	4	3	2.9	22	7
31*	5	4	5	4	3	4	3	4	3	4	5	4	3	2	2	2	2	2	1	3	4	7	6	5	3.5	24	8
MEAN	8	8	8	8	8	9	9	9	7	7	7	5	6	5	5	5	6	5	5	6	7	7	8	8	6.9		
NO	27	27	27	27	28	28	28	28	24	18	18	22	23	27	29	26	28	28	29	29	29	29	29	29		637	
MAX	24	23	23	23	24	23	25	24	24	18	11	11	13	11	11	10	11	10	10	13	22	25	26	24	15.6		29

* Indicates Saturday or Sunday

Local standard time used

Table 3-11. JUNE, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	8	5	3	3	3	4	8	9	8	6	5	4	2	3	4	4	5	4	7	9	8	8	8	8	5.7	24	11
2	8	7	7	7	6	5	7	8	5	5	5	3	2	3	3	3	4	2	3	3	3	6	6	8	4.9	24	11
3	9	6	7	7	6	9	10	10	8	4	3	3	2	2	3	2	3	3	2	2	2	2	2	3	4.5	24	13
4	3	2	1	1	1	3	5	4		6	4	4	3	2	2	3	2	2	2	2	4	2	6	3	3.2	23	8
5	0	2	2	1	1	2	3	4	4	3	3	4	3	2		3	4	6	5	6	6	5	5	5	3.4	23	8
6*	6	5	5	5	4	7	10	8	6	6	6	6	6	5	6	6	6	7	7	7	7	6	6	6	6.3	24	12
7*	8	7	9	8	9	7	8	9	9	8	7	7	7	7	7	7	7	6	9	8	7	6	5	5	7.4	24	12
8	6	6	5	6	5	7	8	9	7	6	5		4	5	5	5	7	7	7	4	4	4	4	4	5.7	23	11
9	4	3	4	4	4	6	8	9	6	4	3	3	4	3	5	3	4	4	4	3	3	3	2	2	3.9	24	11
10	1	2	2	3	2	4	5	4	3	4	3	6	6	5	5	5	7	5	4	4	5	4	5	4	4.1	24	8
11	4	4	4	4	4	4	7	6	6	4	4	5	6	6	9	6	8	8	7	7	8	7	8	7	5.8	24	10
12	6	6	5	5	6	7	9	11	9	7	9	9	8	9	9	11	11	11	9	9	8	8	9	10	8.3	23	19
13*	10	9	8	6	7	7	9	9	9	8	6	6	6	7	7	8	7	7	7	8	8	8	8	7	7.6	24	19
14*	6	6	6	5	5	4	5	5	4	5	6	3	5	7	6	8	7	7	7	7	8	9	6	4	6.1	24	14
15	4	4	3	3	3	5	6	7	6	5	3	3	4	5	5	4	6	5	4	4	3	2	2	3	4.1	22	9
16	2	2	2	1	1	3	3	3	2	2	2	5	3	3						2	2	3	3	4	2.5	19	7
17	3	4	3	5	5	5	6	5	3	4	6	5	6	6	4	4	6	6	5	6	6	6	7	7	5.1	24	11
18	6	5	5	5	6	8	11	8	8	7	7	6	5	6	7	3	4	2	2	2	2	2		3	5.3	22	13
19		2	1	1	2	4	5	6	5	3	2	5	4	3	2	2	3	8	7	6	6	8	9	7	4.7	22	10
20*	6	3	6	8	5	3	5	4	3	2	3	3	3	3	3	3	4	2	2	4	5	9	9	8	4.4	22	11
21*	8	7	9	9	9	9	9	6	6	6	5	7			2	3	4	3	4	4	4	4	4	4	5.6	22	10
22	4	4	4	4	4	5	6	6	4	5	5	6			7	8	8	6	6	6	6	6	7	7	5.5	24	10
23	7	7	8	8	8	8	9	10	10	8	8	8	6	7	9	10	10	10	9	9	9	10	10	10	8.9	24	13
24																											
25								5	4	3	3	3	4	4	4	5	6	4	3	4	5	4	8	6	4.5	17	9
26	7	5	6	7	6	10	7	7	3	4	2	4	3	4	4	8	5	4	3	2	3	4	4	4	4.7	24	11
27*	3	3	3	3	4	4	3	4	3	3	4	3	6	6	7	6	6	6	5	5	4	4	3	3	4.2	24	9
28*	4	4	3	4	4	3	4	3	2	2	3	4	4	5	5	6	5	6	4	4	6	6	4	5	4.1	24	8
29	4	4	5	5	6	6	7	6	4	3	4	4	6	6	6	5	6	5	4	3	3	3	4	4	4.7	24	8
30	4	5	6	4	2	3	4	4	2	1					4	6	5	4	3	2	1	2	2	3	3.3	20	7
MEAN	5	5	5	5	4	5	7	6	5	5	5	5	5	5	5	5	6	5	5	5	5	5	6	5	5.2		
NO.	27	28	28	28	28	28	28	29	28	27	25	26	27	27	27	28	28	28	28	29	29	28	28	29		666	
MAX	10	9	9	9	9	10	11	11	10	9	8	9	8	9	9	11	11	11	9	9	9	10	10	10	8.9		14

* Indicates Saturday or Sunday

Local standard time used

Table 3-12. JULY, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	3	3	2	3	3	3	5	5	3	3	4	3	6	5	6	7	7	5	4	3	2	2	3	3	3.8	24	11
2	2	2	2	3	4	4	6	6	4	4						6	4	3	3	3	3	2	3	3	3.6	19	8
3	4	3	4	4	5	3	4	4	2				3	4	5	4	4	3	3	3	3	2	2	2	3.4	21	9
4*	3	2	3	3	3	3	3	3	3	3	3	3	3	3	2	3	3	3	3	4	3	3	3	3	2.9	24	5
5*	3	3	3	3	2	2	4	3	2	3	2	3	3	4	2	3	2	2	2	3	4	3	3	3	2.8	24	5
6	4	3	4	5	4	7	6	4	3	2	3	3	3	4	4	5	5	4	4	3	5	6	7	6	4.3	24	9
7	5	5	5	5	7	7	8	7	5	2	2	2	3	4	3	3	4	2	2	1	2	2	2	3	3.7	24	9
8	3	2	2	3		3	4	4	3	2	4	4	3	2	3	6	5	3	5	6	6	4	5	6	3.8	23	9
9	5	4	5	4	4	5	7	6	2	1	1	1	1	1	1	2	3	3	1	1	3	4	5	5	3.2	24	9
10	4	3	5	2	3	4	3	4	3	1	1	1					7	5	4	10	6	4	5	5	3.9	20	14
11*	4	6	5	7	4	5	5	5	6	3	3	5	4	6	6	5	5	5	4	4	4	4	7	4	4.8	24	10
12*	4	5	6	4	2	2	2	4	4	5	5	6	7	6	7	5	5	4	5	6	6	7	8	7	5.0	24	9
13	5	5	6	6	7	9	10	10	7	4	5	5	5	6	8	5									6.6	16	13
14																											
15																											
16																											
17																											
18*	3	3	4	1	1	2	2	4	2	2	2	1	2	3	2	3		4	4	5	5	7	10	7	3.4	23	12
19*	5	4	4	3	3	4	3	5	4	2	2	2	3	5	7	7	6	6	5	5	5	5	4	4	4.2	24	8
20	4	3	2	2	3	3	5	6	4	3				4	6		6	5	6	6	6	7	7	6	4.7	20	9
21	4	2	3	3	3	4	6	7	2	3	1	2	3	4	3	4	5	4	3	2	2	2	3	3	3.1	24	10
22	2	2	2	2	2	2	4	4	2	2	2	2	2	3	3	3	2	2	3	1	1	2	4	4	2.4	24	7
23	3	2	1	1	2	3	6	5	2	3	2	2	3	4	4	3	4	4							2.9	18	13
24																											
25*	6	4	4	5	4	6	7			4	4	4	4	4	4	5	5	4	4	5	6	5	5	3	4.6	22	9
26*	3	3	3	2	3	3	3	3	3	5	6	5	5	6	4	4	4	4	3	3	3	3	3	4	3.7	24	8
27	2	1	1	2	4	5	5	5	3	2	1				4	5	7	6	7	6	5	4	5	5	4.0	21	9
28	6	5	6	5	5	6	9	9	6	9	5	4	6	6	6	5	5	3	4	4	4	3	4	4	5.2	24	15
29	5	4	4	4	4	4	7	8	5	6	5	5	6	6	6	7	9	7	6	7	5	7	7	7	5.8	24	12
30	6	5	5	5	5	6	8	9	5	5	4	3	5	6	7	8	10	8	8	8	6	5	6	4	6.0	24	12
31	5	3	3	4	3	4	8	7	4	4	4	4	6	6	5	6	8	5	4	5	5	4	4	3	4.7	24	15
MEAN	4	3	4	3	3	4	5	5	4	3	3	3	4	4	5	5	5	4	4	4	4	4	5	4	4.1		
NO	26	26	26	26	25	26	26	25	25	25	23	22	22	23	24	24	24	25	24	24	24	24	24	24		587	
MAX	6	6	6	7	7	9	10	10	7	9	6	6	7	6	8	8	10	8	8	10	6	7	10	7	6.6		15

* Indicates Saturday or Sunday

Local standard time used

Table 3-13. AUGUST, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	4	3	4	5	5	5	5	5	5	4	5	6	7	6	6	5	6	6	5	5	4	5	7	7	5.2	24	11
2*	9	3	8	5	7	3	3	2	4	4	5	6	6	6	5	5	5	5	6	6	8	8	6	6	5.4	24	11
3	6	5	4	4	4	5	7	9	5	4	4	4	5	4	7	7	9	7	7	7	8	7	8	5	5.9	24	16
4	3	3	3	2	3	6	9	10	8	6	5	5	5	7	7	6	7	4	4	4	5	4	5	6	5.2	24	11
5	8	5	3	3	4	4	8	7	5	4	2	3	3	2	2	2	3	3	6	6	3	3	4	4	4.0	24	11
6	5	3	3	1	3	4	6	4	3	2	2	3	3	4	3	4	6	5	5	5	9	7	5	5	4.1	24	12
7	4	5	7	6	7	9	13	13	14	13	7	4	4	6	4	5	3		5	9	14	14	13	10	8.2	23	18
8*	9	7	7	6	8	9	11	9	9	7	6	5	8	9	7	6	5	3	2	3	3	4	4	4	6.3	24	14
9*	4	3	2	3	3	3	3	4	4	4	4	4	6	7	7	6	5	4	4	5	6	7	8	6	4.7	24	10
10	6	4	5	5	5	8	9	12	8	7	2	2	2	2	2	2	2	3	3	3	3	3	4	3	4.3	24	14
11	2	2	2	1	2	4	7	6	2	1	2	3	3	4	5	3	4	3	2	3	2	2	3	2	2.8	24	12
12	1	1	2	2	1	3	5	4	3	2	2	2	3	4	4	4		6	11	9	7	6	5	5	3.9	23	14
13	5	4	3	3	4	4	6	5	3	2	3	5	6	7	6	5	8	6	6	6	6	7	6	7	4.9	24	10
14	6	5	4	5	5	6	7	7	6	6	11	7	7	7	5	6	7	5		6	8	8	10	10	6.6	23	14
15*	11	9	9	7	6	7	7	8	7	6	6	6	7	7	6	7	8	7	6	8	8	8	8	7	7.3	24	13
16*	8	7	7	5	6	6	7	8	10	9	7	6	6	7	7	5	5	4	5	4	6	4	4	4	6.1	24	13
17	4	5	3	3	3	6	7	10	4	2	3	4	4	4	4	6	9	7	6	7	7	8	8	7	5.3	24	15
18	6	5	5	5	5	7	10	11	7	5	4	4	5	4	4	5	7	7	8	8	7	6	5	7	6.2	24	14
19	4	5	4	3	4	5	6	7	4			5	6	6			6	4	4	4	5	4	4	5	4.7	20	9
20	4	5	3	3	4	4	7	8	4	2	2	2	2	2	2	3	4	3	4	5	6	6	8	5	4.1	24	11
21	3	3	2	3	2	4	6	5	4	5	5	5	5	6	6	7	7	4	4	4	4	3	4	4	4.4	24	15
22*	4	3	3	2	6	5	9	7	4	4	4	4			4	4	6	4	4	3	3	3	2	2	4.0	22	13
23*	1	1	1	1	2	2	6	5	3	4	4	5	6	5	5	5	4	4	4	5	5	5	6	4	3.9	24	11
24	3	2	2	2	3	6	9	7	5	4	3	3	3	3	4	5	7	3	2	3	3	5	8	7	4.2	24	15
25																											
26					3	4	6	7	4	3	4	5	6	6	5	7	7	5	5	6	5	4	6	6	5.1	20	10
27	5	3	4				8	8	5	4	3	3	3			4	6	6	5	5	4	3	4	5	4.6	19	11
28	4	3	4	4	5	5	9	7	4	2	2	2	2	3	2	1	3	3	4	2	2	2	2	2	3.2	24	13
29*	2	2	1	1	1	1	2	4	3	1	2	2	3			1	2	2	2	3	2	2	2	1	1.9	22	6
30*	2	1	1	1	1	1	1	1	3	2	3	2	2	3	2	2	1	1	2	2	1	1	3	2	1.8	24	7
31	2	2	2	2	2	3	5	7	2	2	2	3	2	3	2	3	3	2	2	2	4	5	3	3	2.8	24	11
MEAN	5	4	4	3	4	5	7	7	5	4	4	4	4	5	4	4	5	4	5	5	5	5	6	5	4.7		
NO	29	29	29	28	29	29	30	30	30	29	29	30	29	27	27	29	29	29	29	30	30	30	30	30		700	
MAX	11	9	9	7	8	9	13	13	14	13	11	7	8	9	7	7	9	7	11	9	14	14	13	10	8.2		18

* Indicates Saturday or Sunday

Local standard time used

Table 3-14. SEPTEMBER, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	3	3	2	1	2	2	3	3	1	1	1	1	4	5	3	2	4	2	2	2	1	2	2	2	2.3	24	11
2	1	1	1	1	1	3	5		3	2	2	2	2	3	4	6	7	4	5	7	4	3	5	5	3.3	23	9
3	5	5	4	4	4	5	7	7	7				6	7	9	9	9	7	7	7	7	7	7	7	6.5	21	11
4	6	4	4	5	5	7	10	8	5	6	5	6	7	7	8	10	9	6	8	9	9	6	6	7	6.7	24	14
5*	7	6	6	5	5	9	10	12	12	14	11	13	15	17	18	15	7	8	8	6	7	6	6	5	9.4	24	24
6*	5	5	4	4	5	5	6	6	6	6	7	7	7	8	9	9	9	8	9	8	11	12	11	12	7.4	24	14
7	9	8	7	6	6	6	7	8	8	10	11	9	10	10	10	9	10	9	8	9	9	8	8	9	8.4	24	15
8	7	6	4	4	6	6	8	9	5	5	6	7	8	9	9	11	10	7	5	4	5	5	7	8	6.7	24	15
9	7	4	5	5	6	7	10	12	8	2	7	7	8	9	10	9	8	6	6	6	6	5	6	6	6.8	24	16
10																											
11									5	4	5	5	7	8	8	9	7	8	9	4	4	5	7	6	6.4	16	15
12*	6	5	4	4	4	4	7	7	7	4	5	4	4	5	5	6	7	6	7	7	6	6	3	3	5.2	24	13
13*	2	2	2	2	2	2	2	2	3	4	4	5	6	8	5	6	6	5	6	6	6	5	6	4	4.2	24	10
14	4	4	3	3	3	4	6	6	3	3	5	4	4	3	4	6	8	6	8	7	6	7	7	5	4.9	24	10
15	4	3	3	3	4	5	10	12	7	4	5	5	5	6	6	6	7	4	4	4	4	4	4	4	5.1	24	16
16	5	4	4	4	5	6	8	8	7	5	6	6	6	6	5	6	8	6	6	5	5	5	7	8	5.8	24	13
17	6	5	4	5	4	7	9	11	6	4	6	6	3	4	4	7	8	7	6	6	6	6	7	5	5.9	24	13
18	4	4	3	4	5	6	10	12	12	14	12	12	11	12	8	8	8	9	8	7	7	6	8	9	8.2	24	17
19*	8	5	5	6	4	5	5	7	7	5			5	4	4	5	6	6	7	7	5	6	5	5	5.5	22	10
20*	5	3	3	5	5	4	5	5	5	6	5	9	12	8	7	8	9	6	6	8	6	4	6	6	6.0	24	17
21	5	5	5	5	6	7	11	10	7	7	6	4	6	6	6	8	8	6	5	4	5	5	7	5	6.2	24	15
22	4	2	3	4	4	6	9	9	6	5	5	5	5	5	7	7	10	7	8	8	7	8	9	5	6.1	24	14
23	3	2	2	1	2	4	5	6	8	7	8	8	8	8	5	5	6	6	7	8	9	5	3	4	5.4	24	17
24	3	1	1	1	2	4	9	10	4	3	2	3	3	6	5	4	5	4	6	5	3	2	2	2	3.8	24	13
25	2	1	1	1	3	4	6	7	9	9	7	7	9	9	5	4	5	5	7	8	8	10	13	8	6.2	24	18
26*	9	10	7	9	11	12	16	12	10	8	8	6	7	6	4	4	6	6	6	5	5	6	6	6	7.7	24	18
27*	4	3	3	3	2	4	5	5	5	6	7	8	6	5	5	7	5	5	6	7	7	5	4		5.0	23	12
28										4	4	5	5	7	8		9	5	3	3	4	3	5	4	4.8	14	14
29	3	3	3	3	3	8	12	12	12	11	8	10	10	9	8	4	14	8	8	6	10	10	13	11	8.5	24	20
30	11	5	6	4	4	6	9	9	7	3	2	3	2	3	4	4	5	4	6	8	18	19	10	12	6.8	24	24
MEAN	5	4	4	4	4	6	8	8	7	6	6	6	7	7	7	7	7	6	6	6	6	6	6	6	6.1		
NO	27	27	27	27	27	27	27	26	28	28	27	27	29	29	29	28	29	29	29	29	29	29	29	28		671	
MAX	11	10	7	9	11	12	16	12	12	14	12	13	15	17	18	15	14	9	9	9	18	19	13	12	9.4		24

* Indicates Saturday or Sunday

Local standard time used

Table 3-15. OCTOBER, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	12	6	4	3	2	2	6										4	3	3	2	1	3	2	2	3.6	15	13
2	2	2	4	2	3	3	7	8	6	6	6	6	5	6	6	8	15	9	6	6	8	5	3	5	5.6	24	23
3*	1	2	2	2	2	1	1	3	3	2	1	1	1	1	1	1	1	4	4	4	2	5	3	4	2.3	24	7
4*	3	2	3	4	6	1	3	1	4	6	3	3	3	3	3	5	4	3	5	4	4	3	4	1	3.4	24	13
5	1	1	1	1	1	1	4	3	2	1	1	2	1	1	2	2	4	3	2	2	3	4	7	11	2.5	24	12
6	12	12	13	13	13	13	18	18	9	3	3	3	2	1	2	1	4	4	8	8	3	4	3	3	7.2	24	21
7	6	9	11	12	12	14	16	15	8	4	3	2	2	3	3	4	5	4	5	6	5	6	11	11	7.3	24	17
8	15	13	12	13	14	15	18	19	11	8	5	2	2	4	5	3	2	1	5	3	4	4	9	8	8.0	24	22
9	17	16	15	14	12	8			14	13	8	6	8	8	7	5	8	5	5	7	8	7	4	4	9.0	22	20
10*	3	4	3	7	12	14	16	15	8	5	5	5	5	6	5	5	5	5	6	8	12	16	17	17	8.5	24	18
11*	17	16	16	16	17	17	18	19	17	12	9	8	10	11	9	10	9	9	10	14	17	23	23	21	14.4	24	26
12	21	22	22	20	21	22	22	19	16	9	7	8	8	10	7	6	7	7	7	7	8	8	6	7	12.3	24	28
13	10	10	10	10	13	15	18	18	12	10		3	4	5	5	5	8	11	14	15	15	10	12	17	10.8	23	28
14	11	9	10	9	15	18	26	25	11	6	5	5	5	5	5	5	7	9	16	27	24	21	22	20	13.1	24	33
15	21	18	12	12	12	16	21	27	15	11	8	8	8	8	5	6	7	5	5	3	5	7	6	4	10.3	24	33
16	5	10	11	16	14	17	19	30	17	13	9	7	7	6	7	10	12	7	5	5	4	5			10.6	22	36
17*	5	3	4	4	4	3	3	2	2	1	1	1	1	1	1	1	2	1	4	5	5	5	4	3	2.7	24	7
18*	2	1	0	1	1	1	2	3	3	4	3	4	4	4	4	4	3	5	7	9	11	8	8	6	4.0	24	13
19	5	5	4	5	6	9	17	14	5	4	3	2	4	1	1	3	4	2	2	1	1	1	2	2	4.2	24	22
20		4	6	2	9	11	15	17	12	7	8	8	9	8	8	7	10	15	15	8	12	10	13	11	9.9	23	20
21	13	13	14	13	14	15	17	19	18	11	5	4	3	4	4	2	3	3	2	3	5	6	6	8	8.4	24	23
22	8	7	10	11	12	13	15	14	13	4	3	3	2	3	1	0	2	1	1	0	1	5	7	9	5.9	24	17
23	8	7	8	8	8	9	9	12	11		3	2	2	1	2	2	8	5	5	6	11	12	11	12	7.1	23	16
24*	11	11	10	9	10	12	15	15	15	11	7	6	5	5	3	2	5	7	10	15	16	16	15	14	10.2	24	18
25*	14	13	13	12	13	14	12	12	12	13	9	7	7	7	7	7	6	8	8		8	6	7	8	9.7	23	15
26	7	6	8	10	11	12	13	17	22	13	6	6	6	5	6	6	5	11	12	10	10	10	10	12	9.6	24	24
27	16	14	15	13	11	12	16	30	37	21	17	14	10	5	6	7	5	9	12	7	5		6	7	12.9	23	41
28	12	19	13	10	12	8	9	12	12	13	14	11	6	7	7		6	7	6	6	5	7	6	7	9.3	23	21
29	9	8	6	5	4	3	5	8	7	5	7	5	5	6	6	6	6	9	8	7	8	7	7	9	6.5	24	12
30	7	5	5	3	3	3	4	5	5	5	5	6	5	6	6	7	9	13	11	11	12	9	9	9	6.7	24	17
31*	13	14	14	14	14	14	18	20	17	10	7	9	8	7	6	6	8	11	12	14	20	22	18	18	13.1	24	26
MEAN	9	9	9	9	10	10	13	15	11	8	6	5	5	5	5	5	6	6	7	7	8	8	9	9	8.1		
NO	30	31	31	31	31	31	30	29	30	29	29	30	30	30	30	29	31	31	31	30	31	30	30	30		725	
MAX	21	22	22	20	21	22	26	30	37	21	17	14	10	11	9	10	15	15	16	27	24	23	23	21	14.4		41

* Indicates Saturday or Sunday

Local standard time used

Table 3-16. NOVEMBER, 1964. HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	17	16	17	15	17	17	16	15	15	12	10	8	9	8	9	8	10	9	8	10	9	8	10	15	11.9	24	20
2	15	15	16	15	15	17	20	22	23	13	9	9	6	9	9	9	10	13	10	9	8	7	7	7	12.2	24	25
3	7	8	12	12	11	14	16	20	14	7	6	7	7	7	8	8		11	11	9	8	6	10	12	10.0	23	23
4	13	13	12	13	13	15	17	20	18	12	12	14	13	11	12	11	14	16	15	16	12	7	10	14	13.5	24	24
5	12	12	12	13	13	14	16	19	18	18	14	9	9	11	11	11	13	15	10	8	5	6	8	11	11.9	24	23
6	13	13	12	12	12	13	14	16	15	10	8	9	10	10	10	9	10	13	10	12	16	15	13	13	11.9	24	20
7*	13	12	12	13	12	12	13	14	14	11	9	11	12	11	11	10	11	10	11	12	12	12	13	31	12.6	24	43
8*	36	34	33	27	26	21	21	19	18	11	10	9	11	12	10	6	8	10	13	19	13	12	13	15	17.0	24	42
9	19	16	18	21	17	15	18	27	23	16	13	13	11	9	8			19	23	26	24	24	24	21	18.3	22	34
10	13	11	15	15	18	23	23	25	24	20	19	14	14	13	12	13	16	18	15	19	18	18	15	17	17.0	24	33
11	16	15	14	13	11	10	14	21	22	21	20	22	19	16	16	13	14	14	16	17	16	12	15	16	15.9	24	30
12	23	17	23	22	20	24	28	28	25	21	20	19	25	22	16	15	15	21	18	18	17	22	19	16	20.7	24	40
13	18	18	17	12	12	15	15	17	19	18	20		13	17	14	16	16	21	21	14	14	14	13	13	15.9	23	25
14*	13	12	12	12	11	11	15	16	15	13	12	12	10	11	12	12	12	14	15	14	26	23	22	30	14.8	24	36
15*	29	28	27	30	25	23	24	27	25	21	17	19	18	15	12	13	13	14	14	14	13	12	12	12	19.0	24	34
16	14	13	15	11	11	10	10	11	14	15	16	14	12	14	11	12	16	16	15	11	10	9	11	9	12.4	24	19
17	10	11	10	13	17	18	18	25			15	14	15	10	11	10	12	16			7	5	10	11	13.0	20	26
18	12	13	9	9	10	14	15	17				6	4	5	4	5	6	9	9	11	14	16	15	14	10.3	21	19
19	11	11	12	12	12	12	14	18	19	14	10	10	6	5	4	7	14	24	7	4	3	8	3	3	10.0	24	40
20	2	2	3	2	8	8	6	5	9	7	4	4	4	8	8	9	12	21	16	16	16	19	19	16	9.3	24	31
21*	14	13	14	12	12	13	13	15	13	13	12	7	7	5	4	12	17	19	20	25	23	22	22	19	14.4	24	27
22*	20	20	18	15	12	12	12			13	12	12	13	14	13	14	16	15	16	16	18	16	18	19	15.2	22	22
23	16	14	15	15	13	13	12	13	12	12	10	8	9	9	10	10	12	14	12	11	12	11	10	11	11.8	24	19
24	11	12	14	14		11	11	14	17	17	10	5	3	3	4	4	6	7	8	11	11	9	10	10	9.6	23	22
25	13	13	13	10	10	10	9	14	15			11	7	8	7	9	10	13	7	3	2	3	5	3	8.8	22	17
26	3	5	6	7	4	9	9	10	11	12	8	8	7	7	7	11	9	9	7	12	14	13	12	12	8.8	24	18
27	14	11	12	11	10					11	7	4	5	2	3	2	6	9	10	12	13	17	14	15	9.4	20	18
28*	14	13	11	10	10	11	10	12	11	12	11	7	5	4	3	4	7	6	5	6	8	4	0	4	7.9	24	15
29*	5	3	5	5	3	4	7	10	10	9	4	4	2	1	2	3	4	4	10	9	10	9	10	10	5.8	24	12
30	10	8	7	6	6	7	8	10	9	8	7	7	5					10	7	7	6	6	6	5	7.1	20	18
MEAN	14	13	14	13	13	14	15	17	17	14	12	10	10	9	9	9	11	14	12	13	13	12	12	13	12.6		
NO.	30	30	30	30	29	29	29	28	26	27	28	29	30	29	29	28	27	30	29	29	30	30	30	30		696	
MAX.	36	34	33	30	26	24	28	28	25	21	20	22	25	22	16	16	17	24	23	26	26	24	24	31	20.7		43

* Indicates Saturday or Sunday

Local standard time used

Table 3-17. DECEMBER, 1964, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	5	6	3	4	4	3	5	6	8	8	9	10	9	11	9	9	10	8	9	7	7	8	7	7	7.1	24	13
2	6	5	6	6	6	8	7	11	9	8	8	7	8	9	9	9	10	13	8	7	7	8	8	8	8.0	24	19
3	7	9	8	8	8	7	9	10	9	9	8	8	8	7	9	11	15	26	19	13	12	12	10	11	10.5	24	31
4	11	11	11	9	10	12	11	13	16	14	12	11	11	12	14	16	19	20	16	14	11	9	9	10	12.5	24	23
5*	9	9	9	8	7	7	6	8	9	8	7	7	7	8	10	9	8	8	11	10	10	11	11	9	8.5	24	13
6*	7	7	5	5	2	7	7	5	8	7	8	8	5	6	9	8	12	7	7	7	6	5	6	6	6.5	24	13
7	5	3	6	9	9	8		14	12	16	8	8	7	4	5	8	13	15	10	11	10	9	8	6	8.8	23	20
8																											
9																											
10																											
11									20			16	15	6		9	12	25	19	22	34	26	22	21	19.0	13	39
12*	30	24	20	18	19	19	23	23	20	21	18	19	15	14	13	13	17	16	20	22	21	21	21	19	19.3	24	46
13*	16	17	16	14	12	11	13	15			10	7			11	15	15	17	18	18	17	15	14	15	14.2	20	36
14	14	13	13	13	12	13	14	15	16	16	16	18	17	19	21	17	18	17	17	17	15	14	13	13	15.4	24	34
15																											
16	13	12	11	12	12	15	15	17	18	18	17	15	10	12	10	11	15	18	13	14	15	13	14	13	13.9	24	30
17	12	13	15	12	12	13	14	16	16	16	10	7	6	5	6	8	13	17	19	16	16	14	14	12	12.5	24	30
18	14	13	12	12	14	11	12	13	12	14	16	16	16	13	13	13	16	16	15	13	14	14	11	8	13.2	24	21
19*	8	8	8	10	10	6	7	8	8	9	9	11	11	12	12	11	11	9	10	9	8	8	9	9	9.2	24	16
20*	8	8	7	6	6	6	6	7	8	9	7	8	9	10	11	10	10	16	10	9	8	7	7	8	8.4	24	21
21	7	7	9	8	7	9	10	10	11	10	7	5	6	6	8	11		11	6	5	5	5	4	6	7.5	23	19
22	4	3	4	4	4	5	7	8	8	9	10	8	6	5	5	5	9	18	15	14	12	11	11	9	8.0	24	26
23	7	5	3	4	4	3	3	5	7	7	4	3	3	4	6	6	8	9	6	4	2	2	2	4	4.6	24	15
24	3	3	4	1	3	2	5	6	7	7	5	2	3	3	4	6	10	12	10	11	13	8	9	13	6.2	24	17
25	7	3	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1	1	12	20	18	3.6	22	23
26*	7	1	1	1	1	1	1	1	1	1	1					4	5	6	6	8	9	8	7	9	3.9	20	19
27*	12	10	8	7	5	7	10	12	12	13	15	14	14	12	13	13	15	16	14	14	18	14	13	12	12.1	24	20
28	11	12	11	12	11	12	12	12	13	14	14	13	10	11	16	16	14	16	12	10	9	9	9	10	12.0	24	23
29	11	8	8	6	6	7	8	9	9	11	11	13	12	13	14	16	15	15	12	12	12	12	11	12	10.9	24	24
30	12	11	11	10	11	12	13	12	12	12	11	12	12	9	11	12	13	19	17	16	16	12	13	14	12.6	24	21
31	15	12	8	9	9	10	10	11	11	11	10	9	7	8	11	12	12	13	10	9	9	9	9	9	10.1	24	17
MEAN	10	9	8	8	8	8	9	10	11	11	10	10	9	9	10	10	12	14	12	12	12	11	11	11	10.2		
NO.	26	26	26	26	26	26	25	26	26	25	25	25	25	25	25	27	26	27	27	27	27	27	27	27		625	
MAX	30	24	20	18	19	19	23	23	20	21	18	19	17	19	21	17	19	26	20	22	34	26	22	21	19.3		46

* Indicates Saturday or Sunday

Local standard time used

Table 3-18. JANUARY, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	9	8	8	9	8	8			4	5	5	5	5	7	6	5	5	6	6	7	7	6	6	5	6.3	22	12
2*	5	5	5	5	5	5	5	4	3	5	5	5	6	5	7	7	11	10	7	7	5	6	5	6	5.9	24	14
3*	5	3	2	2	2	2	2	2	2	4	6	6	6	8	8	7	6	5	4	4	4	5	6	4	4.4	24	10
4	4	3	3	3	3	3	4	5	5	6	5		6	8	9	9	9	12	8	7	6	5	5	5	5.8	23	17
5	6	4	4	3	3	4	5	8	11	10	8	8	4	6	6	6	7	10	8	7	8	8	8	9	6.5	24	16
6	4	2	3	2	3	3	4	8	7		6	4	2	1	6	7	10	12	7	8	9	9	9	18	6.3	23	23
7	18	15	11	10	8	9	12	18	26	22	15	10	8	7	6	7	8	11	9	7	7	6	6	6	10.9	24	32
8	7	5	4	4	4	5	6	6	5		5	7	7	8	5	6	9	10	8	10	6	10	9	6	6.6	23	16
9*	7	6	6	5	5	5	9	7	6	7	6	7	3	4	5	7	8	9	7	6	7	6	5	7	6.1	24	11
10*	5	4	4	5	6	5	5	5	4	5	5	8	7	7	6	6	4	4	3	4	5	5	4	5	5.0	24	10
11	5	3	4	4	5	5	6	8	8	9	8	7	7	7			5	4	4	6	3	2	2	1	5.1	22	12
12	1	1	4	6	4	3	3	4	6	2	5	5	2	9	6	5	8	10	7	8	15	12	14	15	6.3	24	21
13	16	13	9	12	11	12	14	17	15	12	6	5	3	4	5	4	7	9	3	2	2	4	4	4	7.9	24	22
14	4	3	3	2	2	4	5	6	7	4	9	9	12	10	8	6	8	10	8	7	7	6	7	5	6.3	24	16
15	1	1	0	0	4	4	6	6	4	2	5	8	9	6	6	4	5	5	4	5	4	4	5	5	4.3	24	14
16*	3	5	6	5	5	4	3	3	3	3	2	2	3	3	6	5	3	4	4	4	4	6	5	5	4.0	24	15
17*	6	5	5	4	4	5	5	7	5	9	8	9	12	9	7	7	9	8	7	6	6	5	7	10	6.9	24	17
18	9	7	7	8	7	8	10	12	17	11	8	12	12	9			5	7	5	5	6	5	3	4	8.0	22	21
19	4	7	5	7	6	6	7	8	8			6	4	8	1	2	2	4	1	1	3	2	3	3	4.3	22	16
20	4	2	1	2	3	5	3	4	9	6	1	4	2	8	4	7	8	9	6	5	3	1	3	6	4.5	24	17
21	6	6	5	6	6	7	8	11	12	6	7	5	7	9	9	7	6	14	8	7	7	5	5	8	7.4	24	25
22	8	7	7	7	7	8	11	11	10	8	8	9	6	6	7	7	10	16	15	11	11	10	9	18	9.4	24	21
23*	22	17	11	11	7	6	5	6	6	7	4	5	7	9	6	5	7	9	9	9	8	8	8	8	8.3	24	28
24*	8	7	8	7	6	6	8	6	7	9	9	7	6	6	7	7	11	10	9	11	10	12	12	10	8.3	24	15
25		8	9	10	8	9	11	13	12	7	4		4	4	8	10	12	17	14	13	13	13	20	19	10.8	22	28
26	14	13	14	12	13	10	12	15	17	15	14	13	9	12	10	9	12	21	19	16	17	16	16	13	13.8	24	24
27	13	12	10	12	12	13	14	17	18	12	12	11	10	15	13	13	13	16	13	13	12	12	11	12	12.8	24	23
28	12	10	10	10	12	11	12	15	13	11	12	14	13	11	11	9	7	12	12	13	9	11	11	12	11.3	24	20
29	13	12	12	12	10	10	10	13	13		9	13	10	8	9	10	12	14	12	10	9	10	9	10	10.8	23	19
30*	9	8	8	9	8	9	11	12	12	15	13	14	13	14	12	12	11	13	12	13	13	13	13	12	11.6	24	18
31*	11	11	10	9	8	8	8	5	6	10	13	15	13	6	6	8	9	10	9	9	11	12	11	9	9.4	24	16
MEAN	8	7	6	6	6	7	7	9	9	8	8	8	7	7	7	7	8	10	8	8	8	7	8	8	7.6		
NO	30	31	31	31	31	31	30	30	31	27	30	29	31	31	29	29	31	31	31	31	31	31	31	31		730	
MAX	22	17	14	12	13	13	14	18	26	22	15	15	13	15	13	13	13	21	19	16	17	16	20	19	13.8		32

* indicates Saturday or Sunday

Local standard time used

Table 3-19. FEBRUARY, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	8	7	8	9	9	10	11	12	13	14	8	9	13	9	8	8	10	10	9	8	8	8	8	8	9.3	24	18
2	9	7	6	8	8	8	11	10	10	7	11	12	9	11		7	10	13	12	12	12	10	11	11	9.7	23	16
3	10	9	9	9	9	9	11	13	13	8	7	9	13	12	12	8	10	12	8	8	8	7	8	10	9.5	24	18
4	11	9	7	7	7	8	10	11	10	10	14	16	9	10	12	11	11	15	16	16	14	14	12	11	11.3	24	21
5	14	13	12	12	14	14	14	17	16	15	14	15	16	15	11	12	11	14	10	10	10	10	9	13	13.0	24	19
6*	12	10	8	9	8	7	8	10	11	12	9	13	12	12	9	7	8	17	24	14	16	15	14	16	11.8	24	31
7*	14	14	17	13	10	9	9	10	12	11	12	15	17	19	19	12	13	13	12	10	10	8	8	8	12.1	24	25
8	9	9	9	7	7	9	10	11	12	11	13	8	8	8	8	7	11	13	10	10	7	7	6	8	9.0	24	26
9	6	8	10	7	7	6	8	9	11	7	7	10	10	10			13	17	18	12	12	11	10	10	10.0	22	22
10	11	10	8	8	9	10	10	12	13	12	11	15	15	16	11	11	11	15	10	11	12	15	12	11	11.6	24	22
11	9	8	9	8	8	9	11	13	15	11	10	7	9	8	9	13	12	18	17	14	12	11	10	13	11.0	24	22
12	10	9	13	8	9	9	10	14	16	14	14	19	21	25	26	39	42	54	34	15	20	17	12	17	19.4	24	67
13*	14	11	16	14	9	11	10	12	12	12	12	11	11	13	12	12	18	20	17	16	15	17	17	15	13.6	24	23
14*	13	12	13	14	15	15	16	17	17	18	17	18	21	19	22	19	18	18	14	15	15	14	14	15	16.1	24	25
15	14	14	15	14	15	13	14	16	18	19	17	15	12	15	15	17	18	20	17	14	13	12	14	16	15.3	24	28
16	16	16	14	13	13	13	13	17	13	9	6	10	8	10	10			11	11	10	12	9	7	9	11.3	22	19
17	9	11	10	10	9	9	10	12	12	11	12	12	11	13	13	11	13	15	15	12	11	11	13	15	11.7	24	21
18																											
19										7	7	8	10	11	12	11			0	2	4	6	6	8	7.0	13	17
20*	7	7	6	6	5	5	4	5	8	8	7	7	7	8	10	10	10	8	7	8	9	9	9	8	7.3	24	14
21*	7	7	6	6	6	6	6	7	9	6	7	10	11	11	9	7	8	7	8	9	8	7	6	6	7.5	24	16
22	3	3	3	5	5	5	6	6	8	6	5	6	8	7	8	7	7	8	10	9	8	7	7	6	6.3	24	13
23	7	5	5	6	7	7	8	9	8	5	7	8	7	9	8	6	5	9	6	7	7	6	7	11	6.9	24	16
24	9	8	8	7	6	9	11	14	13	9	7	4	8	9	7		4	7							8.1	17	20
25																											
26	3	1	5	6	7	5	5	6	4	2	2	1	3	4	4	4	6	7	6	5	5	5	6	4	4.3	24	11
27*	4	5	4	4	2	4	3	3	3	3	2	2	3	4	1	2	5	7	5	4	5	5	4	4	3.6	24	13
28*	4	6	4	4	8	8	5	5	4	5	5	4	6	6	6	5	5	7	9	9	7	3	2	1	5.3	24	13
MEAN	9	9	9	8	8	9	9	11	11	10	9	10	11	11	11	11	12	14	12	10	10	10	9	10	10.1		
NO.	25	25	25	25	25	25	25	25	25	26	26	26	26	26	24	23	24	25	25	25	25	25	25	25		601	
MAX.	16	16	17	14	15	15	16	17	18	19	17	19	21	25	26	39	42	54	34	16	20	17	17	17	19.4		67

* Indicates Saturday or Sunday

Local standard time used

Table 3-20. MARCH, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	1	1	1	1	1	2	1	2	3	2	2	4	5	4	4	3	5	5	10	9	9	6	5	6	3.7	24	20
2	4	3	3	3	3	3	5	8	8	3	4	6	5	6	7	5	6	10	10	10	10	8	5	6	5.8	24	20
3	6	5	6	6	7	6	6	8	8	4	3	3	2	4	3	4	4	10	11	8	8	8	8	7	6.0	24	18
4	7	8	10	9	11	8	8	10	13			4	3	3	4	3	3	7	5	10	10	8	5	5	7.0	22	15
5	3	3	2	1	2	3	4	6	7	5	3	2	3	2	2	3	4	8	2	1	1	1	1	1	3.0	24	17
6*	1	2	2	1	1		1	3	2	4	1	1	2	3		3	4	3	3	4	3	4	5	4	2.6	22	10
7*	2	3	2												5	3	1	1	2	3	5	7	5	3	3.2	13	9
8	7	5	3	2	2	4	4	6	6	6	5	4									4	7	4	7	4.7	16	10
9	6	5	3	1	1	2	2	4	6	3	1	1	1	2	3	2	5	8	11	9	9	9	6	6	4.4	24	13
10	5	6	4	5	4	3	1	3	2	1	2					2	6	10	9	6	5	5	4	6	4.4	20	13
11	7	7	6	9	6	9	13	12	10				7				7	11	12	10	8	6	7	8	8.5	18	19
12	8	12	16	8	8	9	9	12	12	6	7	7	6	10	7	7	12	13	18	13	12	11	11	11	10.1	24	39
13*	9	9	10	11	10	9	12	12	12	12	7	8	11	12	9	8	7	7	12	12	11	10	10	10	10.0	24	17
14*	9	7	6	7	9	9	10	12	13	10	6	6	4	6	9	9	8	3	6	9	11	8	8	5	8.0	24	21
15	4	2	2	2	2	2	5	6	4	5	5	3	3	3	3	6	7	12	10	7	5	6	6	7	4.9	24	17
16	6	6	4	4	4	5	4	7	6	3	2	2	3	1	4	2	4	8	10	8	6	7	8	7	5.1	24	15
17	7	7	5	5	5	8	7	8	8	4			4	9	11	11	18	22	12	11	11	11	9	10	9.2	22	40
18	10	7	7	6	7	7	7	9	11	6	9	10	7	7	5	8	12	15	9	8	6	7	6	5	8.0	24	21
19	7	8	6	4	5	5	8	7	11	5	4	3	5	6	8	7	6	8	14	12	10	12	8	9	7.3	24	19
20*	8	10	8	7	9	8	9	11	13	15	14	12	11	10	13	12	12	15	12	14	15	13	13	15	11.6	24	19
21*	13	14	16	13	13	12	11	14	13	16	15	16	18	17	17	15	15	12	7	8	10	10	11	11	13.2	24	25
22	12	12	10	10		12	14	12	9	7	10	10	8	9	7	9	9	9	11	11	10	10	18	20	10.7	23	23
23	15	11	9	10	10	12	15	17	16	12	11	8	8	5	6	6	9	17	14	12	11	10	6	6	10.5	24	24
24	7	6	6	4	4	5	8	9	16	12	10	11	9	10	12	10	11	10	9	10	8	9	10	11	9.0	24	24
25	9	7	7	7	10	9	8	9	8	7	11	13	12	11	11	9	10	12	9	9	9	11	8	9	9.3	24	21
26	8	8	5	6	7	8	9	9				8	8	7	6	7	11	17	13	10	11	12	13	12	9.3	21	21
27*	9	6	7	5	5	5	7	8	11	10	9	6	4	5	5	6	7	6	14	15	13	16	17	12	8.6	24	26
28*	11	12	11	9	9	11	10	12	14	9	6	4	6	7	9	11	12	6	6	15	14	16	12	11	10.1	24	21
29	10	10	10	12	10	10	12	16	15	10	10	10	15	13	12	12	16	19	11	15	15	11	11	12	12.3	24	29
30	10	6	5	6	7	6	6	9	9	4	6	4	4	3	3	6	4	5	8	12	9	7	7	10	6.5	24	17
31	13	11	9	9	9	8	7	9	11	7	8	9	12	10	12	11	10	11	14	14	13	11	9	10	10.2	24	20
MEAN	8	7	6	6	6	7	8	9	9	7	6	6	7	7	7	7	8	10	10	10	9	9	8	8	7.8		
NO	31	31	31	30	29	29	30	30	29	27	26	27	28	27	27	29	30	30	30	30	31	31	31	31		705	
MAX	15	14	16	13	13	12	15	17	16	16	15	16	18	17	17	15	18	22	18	15	15	16	18	20	13.2		40

* Indicates Saturday or Sunday

Local standard time used

Table 3-21. APRIL, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	7	8	6	9	9	8	9	16	15	6			6	7	7	6	9	8	16	13	11	12	9	6	9.3	22	20
2	7	6	9	8	8	8	12	13	12	7	8	7	8	10	10	8	7	11	7	6	6	5	6	7	8.1	24	18
3*	8	7	7	7	6	8	9	14	12	11	8	7	8	7	9	5	3	4	7	11	10	8	9	8	7.9	24	20
4*	8	8	7	6	5	5	6	7	7	5	3	4	4	5	6	5	5	5	4	16	17	14	11	10	7.2	24	20
5	10	10	9	8	8	9	10	18	14	9	5	4	4	5	6	7	6	8	6	6	7	6	13	17	8.5	24	25
6	17	22	13	10	13	13	14	16	15	10	5	3	8	8	9	6	5	7	5	11	14	14	10	11	10.8	24	29
7	12	14	10	7	6	5	4	7	7	10	7	5	4	5	5	7		12	7	6	3	6	3	4	6.8	23	20
8	2	2	3	3	3	4	5	6	7	5	5	2	1	2	3	5	6	9	9	9	3	1	2	7	4.2	24	16
9	6	6	4	6	3	2	2	4	7	3	2	2	1	1	2	2	2	3	1	2	1	1	3	10	3.2	24	14
10*	5	2	2	2	2	2	3	3	2	3	3	2	2	2	2	2	1	1	2	2	5	6	7	14	3.2	24	16
11*	11	8	7	11	8	6	6	7	5	1	1	2	2	2	6	6		7	7	3	3	8	10	9	6.0	23	14
12	8	7	8	7	6	8	7	9	9	2	2	2	4	3	4	3	3	5	3	3	2	1	2	7	4.6	24	12
13	8	9	9	8	8	7	6	9		5	2	1	2	1	2	2	5		8	6	4	7	8	7	5.7	22	12
14	7	3	2	2	2	3	5	6	4	2	1	2	1	2	2	2	2			2	5	9	8	10	3.6	22	13
15	12	10	8	7		6	9	15	8	2	3	1	1	1	2	2	2	2	1	1	1	1	1	1	4.2	23	19
16	1	1	1	1	1	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	4	1.3	24	6
17*	4	2	2	1	1	2	3	3	2	4	2	1	1	2	1	1	1	1	1	1	3	4	5		2.1	23	9
18*	8	9	7	4	2	3	3	8	7	3		3	3	3	3	3		5	4	11	10	8	6	5	5.3	22	13
19	4	4	4	2	4	4	6	5	12	8	7	7	6	8	8	6	8	10	6	9	2	3		5	6.1	23	20
20	4	4	3	3	2	3			14	9	8	4	4	7	10	9	5	6	4	7	10	10	11	12	6.7	22	19
21	10	8	9	6	8	8	10	13	9	4	3	6	5	6	3	3	3	4	2	3	2	2	4	8	5.7	24	16
22	7	8	9	8	14	12	11	9	4	2	2	2	3	4	2	2	3	5	3	3	2	3	3	3	5.2	24	20
23	2	2	1	2	2	4	5	10	8	5	4	6	3	8	7	8		16	14	12	12	12	12	12	7.3	23	21
24*	12	10	9	8	9	10	10	11	7	3	3	3	3	2	3	3	3	1	3	3	8	10	11	11	6.5	24	15
25*	9	9	13	12	10	8	8	9	8	7	6	8	5	3	3	6	11	10	13	11	10	10	12	12	8.9	24	18
26	11		13	11	10	11	11	14	7	8	13	10	11	10	13	8	7	4	4	4	7	4	4	7	8.8	23	19
27	8	10	11	10	11	12	15	17	9	9	6	2	3	4	3	4	5	2	4	7	9	8	13	13	8.0	24	24
28	13	12	11	12	10	10	13	13	11	9	5	2	2	4	4	7	10	7	6	5	5	7	11	11	8.3	24	19
29	10	9	10	11	12	14		14	8	9	2	4	5	2	2	3	4	2	3	8	5	4	4	10	6.8	23	19
30	18	15	11	11	11	9	14	8	2	2	1	1	1	3	2	2	6	3	2	3	9	4	3	4	6.0	24	22
MEAN	8	8	7	7	7	7	8	10	8	5	4	4	4	4	5	4	5	6	5	6	6	6	7	8	6.2		
NO.	30	29	30	30	29	30	28	29	29	30	28	29	30	30	30	30	26	28	29	30	30	30	29	29		702	
MAX	18	22	13	12	14	14	15	18	15	11	13	10	11	10	13	9	11	16	16	16	17	14	13	17	10.8		29

* Indicates Saturday or Sunday

Local standard time used

Table 3-22. MAY, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS.	5 MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	4		3	2	2	2	3	5	5	7	3	4	3	1	2	3	4	3	1	6	4	6	4	3	3.5	23	16
2*	2	1	5	4	3	3	2	4	5	4	3	4	4	5	5	7	9	9	8	7	4	3	2	0	4.2	24	12
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4.2	47	16
NO	4	1	5	4	3	3	3	5	5	7	3	4	4	5	5	7	9	9	8	7	4	6	4	3			
MAX																											

* Indicates Saturday or Sunday
Local standard time used

Table 3-23. AUGUST, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)
Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*																											
2																											
3																											
4																											
5																											
6																											
7*																											
8*																											
9																											
10																											
11																											
12																											
13																											
14*																											
15*																											
16																											
17																											
18																											
19																											
20																											
21*	7	7	7	7	7	7	8	8	8	7	6	6	7	6	7	7	8	7	7	6	6	6	6	6	6.7	24	9
22*	5	6	5	5	4	4	4	4	5	5	5	6	6	6	6	6	6	6	6	6	6	6	5	4	5.4	24	8
23	4	4	4	3	4	5	6	8	7	6	4	3	3	3	4	6	7	6	6	6	6	3	3	3	4.7	24	11
24	2	2	3	3	4	5	8	8	6	5	4	2	3	3	3	4	4	4	3	2	2	2	1	1	4.4	24	9
25	5	5	4	5	6	7	8	9	8				2	3	3	3	4	3	2	2	2	2	1	1	3.9	22	12
26	1	1	0	1	1	1	3	2	2				9	9	10	11	14	12	11	12	10	9	10	9	6.4	21	19
27	8	8	8	8	8	10	13	14	11	11	9	9	10	10	11	11	11	10	11	11	12	13	9	9	10.1	24	19
28*	11	10	8	8	7	8	8	10	10	10	10	11	12	11	11	11	11	11	10	9	9	9	8	8	9.5	24	16
29*	7	7	7	7	7	8	8	8	8	9	9	9	10	10	9	11	10	10	10	10	9	11	10	9	8.8	24	13
30	8	7	7	7	7	9	10	11	10	9	8	8	9	11	11	10	11	9	9	9	9	10	10	8	8.9	24	15
31	8	8	8	8	8	10	12		11	9	9	8	6	6	5	6	7	6	5	6	5	5	5	5	7.2	23	15
MEAN																											
NO	11	11	11	11	11	11	11	10	11	9	9	10	11	11	11	11	11	11	11	11	11	11	11	11		258	
MAX	11	10	8	8	8	10	13	14	11	11	10	11	12	11	11	11	14	12	11	12	12	13	10	9	10.1		19

* Indicates Saturday or Sunday
Local standard time used

Table 3-24. SEPTEMBER, 1965. HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	5	4	4	3	4	5	6	6	7	4	4	4	4	5	5	6	7	6	6	5	5	4	5	5	4.9	24	11
2	6	6	6	5	6	6	7	9	9	7	8	7	7	7			12	11	11	11	15	14	11	15	8.8	22	18
3	17	15	12	11	11	12	14	15	13	12	11	10	9	10	11	12	12	10	10	10	9	9	10	10	11.5	24	18
4*	10	9	10	10	9	9	10	11	10	9	9	9	9	9	9	10	9	9	9	9	9	8	8	8	9.3	24	12
5*	8	8	8	8	8	7	8	8	8	9	9	8	9	9	9	9	9	9	8	8	8	8	8	8	8.2	24	12
6	7	7	7	7	7	7	7	8	8	8	9	9	9	9	9	9	10	10	9	11	9	8	8	8	8.3	24	12
7	8	7	7	7	8	10	12	14	12	11	10	10	11	11	11	12	12	10	11	11	9	8	9	8	9.9	24	17
8	8	7	7	8	8	9	12	15	14	10	8	9	9	10	10	12	12	10	10	10	10	10	9	8	9.6	24	17
9	7	7	6	6	7	8	11	12	12	10	8			12	12	12	14	11	11	10	9	9	10	10	9.7	22	19
10	9	8	8	8	9	12	14	14	11	10	11	11	11	12	12	13	15	12	11	10	11	11	10	11	11.0	24	19
11*	9	9	7	8	8	11	12	10	10	9	9	9	9	9	8	8	8	8	8	8	8	8	9	9	8.7	24	16
12*	9	8	8	7	7	7	7	8	8	8	8	8	8	9	9	9	9	8	8	8	8	8	7	7	7.9	24	11
13	7	6	6	6	6	8	11	14	14	14	12	12	11	14	12	12	12	10	9	9	9	8	9	8	10.1	24	23
14	7	7	6	6	6	7	10	11	12	10	8	8	9	8	9	8	9	9	8	8	7	7	7	7	8.1	24	15
15	7	6	6	6	6	7	8	8	8	7	7	7	8	7	8	9	11	12	9	8	7	7	11	12	7.8	24	15
16	7	7	6	6	7	8	10	9	8	7			9	11	12	14	14	11	11	11	11	11	11	10	9.5	22	16
17	9	9	9	9	10	10	13	13	12	10	10	9	11	11	10	14	14	10	10	10	8	9	9	9	10.2	24	21
18*	9	9	8	8	8	8	9	10	10	9	9	10	10	10	11	11	11	11	12	14	13	12	11	15	10.2	24	17
19*	19	12	9	8	7	7	8	8	9	9	9	9	10	10	11	11	12	10	9	9	9	8	7	7	9.4	24	21
20	7	6	6	6	7	8	10	11	10	9	10	11	11	11	10	12	13	9	7	6	5	6	8	8	8.7	24	16
21	8	7	6	6	6	7	9	10	8	9	9	8	8	8	9	10	9	7	8	8	7	7	7	7	7.8	24	17
22	8	6	6	7	6	9	11	10	7	7	8	6	8	9	8	9	9	7	7	6	6	6	6	6	7.3	24	14
23	6	5	5	4	5	5	7	7	6	5				11	11	12	12	10	9	9	7	8	9	9	7.7	21	17
24	8	8	8	8	9	9	11	12	11	10	10	9	10	10	11	13	14	11	9	10	9	8	8	9	9.8	24	19
25*	8	8	7	7	7	7	8	9	8	8	7	7	8	9	8	9	8	8	9	10	12	13	12	11	8.6	24	15
26*	11	8	7	7	6	7	7	7	7	7	7	7	8	8	8	9	9	8	9	9	9	9	11	9	8.1	24	12
27	7	6	6	6	6	6	7	7	6	6	7	6	8	8	8	9	10	7	6	6	7	7	7	6	6.9	24	18
28	6	6	6	6	6	7	10	12	11	10		8	8	8	9	9	9	7	7	7	6	7	8	7	7.7	23	17
29	7	6	5	7	7	8	13	15	12	9	7	7	6		8	10	10	8	8	9	9	8	9	10	8.6	23	18
30	9	8	7	7	7	8	10	11	9	8	8	8	7		11	15	14	12	10	11	10	10	10	10	9.6	23	24
MEAN	8	7	7	7	7	8	10	10	10	9	9	8	9	9	10	11	11	9	9	9	9	9	9	9	8.8		
NO	30	30	30	30	30	30	30	30	30	30	27	27	28	28	29	29	30	30	30	30	30	30	30	30		708	
MAX	19	15	12	11	11	12	14	16	14	14	12	12	11	14	12	15	15	12	12	14	15	14	12	15	11.5		24

* Indicates Saturday or Sunday

Local standard time used

Table 3-25. OCTOBER, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	10		9	9	9	10	11	13	11	10	9	9	9	10	11	12	15	13	11	10	11	11	9	9	10.5	23	18
2*	9	9	8	8	8	9	9	9	10	9	9	9	10	9	10	10	10	10	11	12	13	13	14	13	9.9	24	16
3*	10	9	8	8	9	8	8	8	8	8	8	9	10	9	9	10	9	8	8	7	8	7	9	8	8.5	24	11
4	8	9	9	8	9	9	12	10	10	9	10	10	10	11	11	11	11	10	10	9	9	9	10	10	9.7	24	15
5	9	9	8	8	8	10	12	11	11	11	10	10	10		10		12	10	11	11	14	14	14	12	10.7	22	16
6	10	9	9	9	9	12	15	14	12	12	11	11	12	11		12	12	11	12	11	12	12	11	11	11.3	23	18
7	11	12	11	10	11	14	19	21	17	15	11	11	11			12	14	10	8	8	8	8	10	8	11.7	22	25
8	8	7	7	8	8	9	12	14	10	10	10	9	8	8	10	10	14	10	9	10	11	10	10	11	9.6	24	17
9*	9	9	8	8	9	9	11	10	9	10	9	8	8	7	8	7	8	8	9	10	9	9	9	8	8.5	24	15
10*	8	8	7	7	6	7	7	7	7	8	8	8	8	8	8	8	9	8	9	9	10	10	9	7	7.9	24	12
11	9	8	8	8	8	10	13	13	12	9	9	8	9	10	10	11	11	9	10	10	9	11	12	10	9.9	24	16
12	8	7	7	8	10	9	11	13	11	10	9	8	9	9	9	9	10	9	10	10	8	7	9	9	9.1	24	14
13	11	10	10	10	11	13	18	17	12	10	10	9	11	12	13	14	13	12	12	13	14	13	14	14	12.3	24	22
14	8	9	7	7	8	10	15	22	19	14	9	8	8	7	6	7	11	8	8	8	7	7	8	7	9.6	24	28
15	7	6	6	7	8	8	11				7	8	9	9	9	9	9	7	7	8	8	9	9	8	7.9	21	13
16*	6	6	6	6	6	7	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6.9	24	9
17*	6	6	6	6	6	6	6	6	6	7	6	6	7	8	8	8	7	7	6	7	6	7	7	6	6.6	24	9
18	7	8	8	8	9	11	15	17	18	8	9	7	9	9	10	10	10	9	10	17	16	12	9	10	10.7	24	22
19	7	6	6	6	7	10	13	13		9	7	7	8	9	9	9	9	10	14	15	14	15	12	10	9.7	23	19
20	9	10	10	10	11	13	17	18	13	10	9	8	8	10	11	13	12	15	12	8	9	8	9	9	10.9	24	24
21	14	12	10	9	9	9	13	15	15	12			14	14	15	16	17	13	11	11	10	10	11	11	12.2	22	23
22	10	9	9	9	10	11	15	14	14	13	12	12	12	14	13	14	14	12	10	10	10	9	11	11	11.6	24	19
23*	9	10	9	9	9	10	11	12	12	10	10	10	10	10	11	10	11	12	11	11	11	11	11	11	10.5	24	13
24*	11	10	10	10	10	10	10	10	10	11	11	12	11	11	11	12	12	12	12	13	12	12	12	11	11.0	24	14
25	11	11	11	11	11	13	16	16	14	14	14	14	15	15	15	16	16	15	15	15	15	14	15	15	13.9	24	18
26	15	15	14	15	15	16	19	21	19	18	16	16	17	17	16	17	18	17	16	15	17	17	17	17	16.6	24	22
27	16	15	15	16	16	18	21	19	17	18	17	18	18	18	18	18	20	19	18	18	19	18	18	18	17.7	24	25
28	17	17	16	16	17	18	21	20	18			7	9	8	7	9	10	9	9	8	8	7	8	8	12.1	22	23
29	8	8	8	8	8	9	10	11	10	9	9	9	10	10	10	11	13	12	11	12	12	11	11	11	10.0	24	15
30*	11	10	9	9	10	10	11	11	11	10	10	11	11	10	11	10	10	11	11	11	11	11	12	11	10.6	24	13
31*	11	11	12	11	11	10	11	13	15	14	17	14	13	13	13	12	13	13	14	13	13	12	12	12	12.6	24	19
MEAN	10	10	9	9	9	10	13	13	12	11	10	10	10	10	11	11	12	11	11	11	11	11	11	10	10.7		
NO	31	30	31	31	31	31	31	30	29	29	29	30	31	29	29	30	31	31	31	31	31	31	31	31		730	
MAX	17	17	16	16	17	18	21	22	19	18	17	18	18	18	18	18	20	19	18	18	19	18	18	18	17.7		28

* Indicates Saturday or Sunday

Local standard time used

Table 3-26. NOVEMBER, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	11	11	11	11	11	11	12	14	13	13			7	8	8	9	9	11	11	9	8	8	7	7	10.0	22	15
2	8	7	7	6	6	7	7	9	8	7	7	8	7	8	7	7	9	9	8	8	7	7	7	8	7.5	24	13
3	8	8	6	6	7	7	7	9	11	10	8	8	8	8	8	8	10	12	13	11	9	7	7	7	8.4	24	16
4	8	9	7	7	7	7	8	11	10	10	8	8	7		7	8	8	10	9	8	8	8	7	8	8.2	23	15
5	8	7	7	7	7	7	8	11	11	9	10	8	8	10	9	11	13	13	9	8	8	8	9	9	8.8	24	20
6*	9	8	9	10	10	10	10	12	14	9	8	8	8	8	7	8	8	9	9	9	9	9	10	11	9.1	24	15
7*	10	9	9	7	7	7	7	7	7	8	8	9	9	9	9	8	9	9	10	10	9	9	9	8	8.4	24	11
8	7	6	7	7	6	7	7	10	11	10	10	9	8	9	7	8	10	9	8	7	7	7	6	7	7.9	24	13
9	8	6	6	5	5	5	5	7	6	5	5	6	6	6	6	6	7	8	6	5	5	5	5	6	5.7	24	10
10	5	5	5	5	5	5	6	10	9	10	7			7	8	9	10	12	10	8	8	8	7	8	7.5	22	16
11	8	7	7	8	7	8	9	13	13	13	11	11	9	9	9	8	9	11	8	6	7	6	6	7	8.7	24	20
12	7	7	6	6	6	7	7	10	10	8	10	8	7	8	8	9	11	13	8	6	7	6	6	7	7.8	24	19
13*	7	7	7	5	5	5	6	6	7	7	7	8	8	7	7	7	8	8	8	7	8	7	7	7	6.7	24	10
14*	7	6	6	6	5	5	5	5	4	5	6	6	6	6	7	6	8	7	7	7	7	6	6	5	5.9	24	10
15	5	5	5	5	5	5	7	8	8	8	7	6	5	6	6	7	8	9	7	6	6	6	6	6	6.3	24	12
16	6	6	5	5	5	5	5	6	7	7	7	7	6	6	8	8	8	11	8	7	9	9	6	7	6.7	24	16
17	6	5	5	4	4	4	4	6	6	5		5	6	6	6	6	8	8	6	5	5	5	5	5	5.4	23	11
18	5	5	5	5	5	5	6	6	7	5	5	5	5	5	5	6	7	8	7	6	6	5	5	6	5.6	24	10
19	6	5	5	5	5	5	6	8	8	7	6	6	6	6	7	7	8	11	8	7	7	8	8	8	6.8	24	13
20*	8	7	8	7	7	8	10	17	13	9	7	6	6	6	7	6	6	7	7	6	8	7	6	6	7.6	24	19
21*	6	6	5	5	5	5	6	5	6	5	6	7	7	7	8	11	12	12	10	8	10	9	8	8	7.4	24	14
22	8	7	6	6	6	7	8	11	11	11	9	8	8	8	8	8	11	13	8	7	7	7	6	6	8.0	24	22
23	6	5	5	5	5	5	7	10	10	7	6	6	6	6	6	6	10	13	10	8	6	6	5	5	6.8	24	19
24	5	5	5	4	4	5	6	9	9			4	4	5	5	6	7	9	7	6	6	6	5	6	5.7	22	10
25	6	6	7	7	6	6	7	6	4	5	5	3	5	4	5	4	5	5	5	5	5	5	5	6	5.2	24	10
26	5	5	5	6	4	4	5	8	8	8	9	8	8	9	9	8	9	10	5	6	5	5	4	5	6.5	24	13
27*	5	4	3	3	4	3	4	4	5	5	4	5	4	4	4	4	5	6	6	6	6	5	5	5	4.5	24	8
28*	5	4	4	4	4	4	4	5	6	7	6	5	4	5	5	5	6	6	7	6	6	6	5	4	5.0	24	8
29	4	4	4	4	4	4	5	7	7	6	5	5	5	5	5	6	7	8	7	6	6	6	6	5	5.4	24	12
30	6	5	4	5	5	5	6	8	7	6	5	5	5	6	6	5	7	9	7	7	7	7	7	7	6.0	24	12
MEAN	7	6	6	6	6	6	7	9	8	8	7	7	6	7	7	7	8	10	8	7	7	7	6	7	7.0		
NO	30	30	30	30	30	30	30	30	30	29	27	28	29	29	30	30	30	30	30	30	30	30	30	30		712	
MAX	11	11	11	11	11	11	12	17	14	13	11	11	9	10	9	11	13	13	13	11	10	9	10	11	10.0		22

* Indicates Saturday or Sunday

Local standard time used

Table 3-27. DECEMBER, 1965, HOURLY AVERAGE CARBON MONOXIDE CONCENTRATIONS (ppm)

Infrared Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN. MAX
1	8	7	6	6	6	6	7	8	9	8		7	7	7	8	8	9	12	10	8	8	8	8	8	7.8	22	16
2	8	8	7	7	6	7	8	10	12	9	7	11	7	7	8	8	11	15	11	11	9	10	11	15	9.0	24	24
3	16	16	12	10	9	9	10	14	14	12	10	7	9	8	6	7	8	11	8	8	7	6	6	6	9.8	24	19
4*	7	8	7	6	6	6	6	8	9	8	7	7	6	7	6	7	7	6	7	7	7	7	6	6	6.8	24	11
5*	6	5	5	5	5	5	5	5	5	5	5	5	5	5	6	5	5	6	6	5	5	5	6	6	5.3	24	9
6	5	5	5	5	5	5	6	9	8	7	5	5	5	6	6	7	8	8	7	6	5	5	4	5	5.9	24	13
7	5	4	4	5	4	4	5	6	6	5	4	5	4	4	5	6	7	9	8	7	8	9	10	13	6.1	24	16
8	10	7	6	4	5	5	7	8	8	7		6	7	7	8	9	10	11	9	9	8	10	9	9	7.8	23	15
9	9	9	6	8	8	8	8	13	13	10	7	7	8	8	8	8	10	14	10	10	8	9	9	9	9.1	24	19
10	11	8	9	7	7	7	8	12	13	10	8	6	8	8	8	8	10	16	16	13	15	19	17	22	11.0	24	29
11*	12	9	8	8	8	9	10	10	10	10	10	9	10	9	9	10	11	11	11	12	13	11	10	10	9.9	24	24
12*	10	10	5	7	5	6	6	6	6	6	7	6	6	8	8	7	8	7	7	6	6	6	7	7	7.0	24	11
13	5	5	7	5	6	7	7	9	10	10	11	13	10	7	7	10	12	12	10	8	6	7	6	6	8.2	24	19
14	6	7	5	6	6	7	8	13	16	14	8	8	7	8	6	7	8	9	7	6	7	6	5	5	7.7	24	19
15	6	5	4	5	5	5	7	9	9	7		5	6	6	6	8	8	8	6	5	5	5	5	5	5.9	23	13
16	5	5	4	4	4	5	5	9	11	10	7	6	5	5	5	5	7	8	8	9	10	7	6	8	6.6	24	13
17	8	5	4	4	4	4	5	7	7	6	5	4	5	5	5	5	7	6	6	5	6	5	5	5	5.2	24	13
18*	5	5	5	4	4	4	4	5	5	5	6	4	5	5	5	5	7	7	6	6	6	6	5	5	5.0	24	7
19*	5	5	4	4	4	4	4	4	4	4	5	4	5	4	5	5	7	8	7	7	6	6	5	5	4.9	24	9
20	5	4	4	4	4	5	6	7	7	7	6	6	5	5	6	7	8	8	7	7	7	6	6	8	6.0	24	11
21	7	7	7	7	7		7	10	11	5	5	4	4	5	5	6	6	8	8	8	7	6	6	7	6.2	20	10
22	7	6	6	6	5	6	10	9	10	10		5	5	6	7	8	10	12	10	9	8	8	7	7	7.5	23	16
23	7	6	6	6	6	6	7	9	8	8	8	9	8	8	10	11	12	14	10	9	8	8	7	9	8.5	24	24
24	8	7	6	5	7	7	7	9	8	6	9	7	7	8	9	9	8	8	7	7	6	6	6	6	7.3	24	13
25*	6	6	5	6	6	5	5	5	5	6	7	6	7	7	7	6	6	6	5	5	5	5	5	5	5.6	24	9
26*	5	4	5	4	5	5	5	5	5	5	5	5	5	6	6	5	6	7	6	6	6	6	6	6	5.3	24	7
27	6	6	5	5	6	5	6	8	8	7	7	6	8	8	7	7	8	9	7	7	8	9	9	8	6.9	24	11
28	8	7	6	7	7	7	8	11	10	6	7	10	6	6	8	6	8	10	8	8	8	9	7	9	7.5	24	14
29	10	8	7	7	7	7	7	9	8	10	7	8	7	8	9	8	9	11	9	8	8	7	8	10	7.9	23	13
30	8	7	8	8	8	8	8	11	12	9	7	9	7	7	8	8	10	11	12	10	7	7	7	7	8.4	24	14
31	7	7	6	6	6	6	7	9	8	8	11	7	9	8	8	7	8	10	10	8	7	9	8	6	7.8	24	15
MEAN	7	7	6	6	6	6	7	8	9	8	7	7	6	7	7	7	8	9	8	8	7	7	7	8	7.2		
NO	31	31	31	31	31	30	30	30	30	31	27	29	31	31	31	31	31	31	31	31	31	31	31	31		734	
MAX	16	16	12	10	9	9	10	14	16	14	11	13	10	9	10	11	12	16	13	16	15	19	17	22	11.0		29

* Indicates Saturday or Sunday

Local standard time used

NITRIC OXIDE
DATA TABLES
3-28 through 3-73

Continuous Air Monitoring Projects

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Table 3-28. FEBRUARY, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2	.04		.02	.02	.01	.01	.02									.10	.12	.12	.11	.09	.08	.08	.09	.08	.064	15	.13
3*																											
4*																											
5																											
6																											
7																											
8	.02		.01	.02	.03	.02	.02	.04	.03	.02	.03	.02	.03	.03	.03	.03	.03	.04	.04	.05	.03	.03	.03	.06	.030	23	.07
9	.13		.16	.15	.16	.11	.10	.10	.11						.08	.07	.12	.12	.07	.05	.02	.03	.03	.02	.090	18	.21
10*																											
11*																											
12																											
13																											
14	.05	.01	.01	.01	.01	.00	.00	.02	.03	.01	.01	.01	.01	.00	.00	.03	.04	.08	.04	.03	.02	.01	.01	.01	.019	24	.09
15																											
16																											
17*																											
18*																											
19	.02		.00	.01	.01	.01	.03	.04	.07	.07	.06	.06	.05	.04	.07	.08	.09	.12	.10	.08	.05	.06	.07	.08	.054	23	.13
20	.07		.01	.03	.02	.03	.02	.03	.03	.04	.03				.02	.02	.02	.03	.04	.03	.03	.02	.02	.03	.028	20	.08
21	.03			.01	.01	.02	.02	.05	.08	.08	.08	.06	.05	.04	.04	.04									.042	14	.09
22																											
23	.07			.08	.05	.04	.03	.04	.08	.16	.12	.14	.08	.04				.08	.07	.06	.08	.06	.04	.06	.073	19	.17
24*	.02			.02	.01	.01	.01	.02	.04	.04	.05				.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.016	19	.06
25*	.01			.01	.00	.00	.01	.01	.01	.02	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.013	22	.03
26	.02			.03	.04	.04	.05	.07	.12	.11	.06	.06	.03	.01	.01	.03	.08								.050	15	.13
27																											
28																											
MEAN																											
NO	11	1	6	11	11	11	11	10	10	9	9	7	7	7	9	10	9	9	9	9	9	9	9	9		212	
MAX	.13	.01	.16	.15	.16	.11	.10	.10	.12	.16	.12	.14	.08	.04	.08	.10	.12	.12	.11	.09	.08	.08	.09	.08	.090		.21

* Indicates Saturday or Sunday

Local standard time used

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Table 3-29. MARCH, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.02			.00	.00	.00	.00	.01	.02	.01	.01	.01							.03	.02	.02	.01	.01	.01	.012	16	.04
2	.01			.00	.00	.00	.01	.02	.04	.03	.02							.04	.03	.03	.03	.02	.02	.01	.018	16	.05
3*																											
4*																											
5	.07		.08	.03	.02	.03	.06	.09	.15	.16	.13	.12	.07	.07	.08	.10	.11	.13	.08	.07	.08	.05	.04	.04	.079	23	.20
6	.04		.00	.00	.00	.00	.00	.01	.02	.03	.02	.03	.03	.03	.03	.02	.03	.03	.01	.01	.01	.01	.01	.00	.015	23	.04
7	.00		.00	.00	.00	.00	.00	.01	.02										.04	.05	.05	.04	.03	.03	.019	14	.05
8	.02		.01	.01	.00	.01	.02	.05	.05	.04	.04	.03	.03	.04	.04	.03	.03	.05	.03	.02	.03	.02	.03	.02	.028	23	.06
9	.02		.00	.01	.01	.01	.03	.05	.09	.05	.03	.03	.03	.03	.02	.03	.03	.05	.04	.04	.05	.03	.03	.03	.032	23	.10
10*	.03		.05	.05	.02	.01	.00	.01	.01	.02					.01	.01	.01	.01	.02	.02	.03	.03	.10	.09	.026	19	.14
11*	.07		.07	.04	.02	.03	.02	.01			.02	.03	.03	.03	.06	.03	.03	.03	.02	.02	.04	.04	.04	.03	.033	21	.10
12	.02		.02	.02	.02	.02	.04	.09	.14	.11	.11	.07	.03	.04	.05	.03		.05	.05	.04	.04	.05	.05	.08	.052	22	.16
13																											
14																											
15																											
16																											
17*																											
18*																											
19			.16	.15	.11	.08	.16	.13	.10	.06	.04	.03	.02	.01	.01	.02	.02	.03	.04	.03	.03	.02	.01	.01	.057	22	.19
20	.01		.01	.01	.00	.02	.05	.06	.08	.07	.05							.04	.03	.04	.03	.02	.02	.02	.033	17	.10
21	.00		.01	.00	.00	.01	.01	.04	.07	.09	.07	.06	.05	.05	.06		.10	.12	.08	.05	.05	.04	.03	.02	.045	22	.13
22	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02	.02	.02					.06	.06	.08	.04	.05	.10	.032	20	.13
23	.08	.04	.03	.02	.01	.01	.02	.04	.04	.03	.03	.02	.02	.01	.01				.03	.02	.02	.02	.02	.02	.025	21	.10
24*	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04							.02	.02	.01	.01	.01	.01	.01	.01	.019	18	.04
25*	.02	.02	.01	.01	.00	.00	.01	.00	.01	.00	.01	.01	.02	.01	.01		.01	.02	.02	.03	.02	.03	.03	.03	.014	23	.04
26	.03	.02	.02	.03	.03	.04	.06	.08	.08	.05	.03	.02	.02	.02	.02				.02	.02	.02	.03	.03	.02	.032	21	.10
27	.02	.02	.02	.01	.01	.01	.02	.04	.06	.04	.03	.03	.03	.03	.03		.02	.03	.04	.04	.04	.05	.02	.04	.029	23	.07
28	.04	.04	.06	.09	.07	.04	.06	.10	.06	.04	.02	.01	.01	.01	.01		.02	.02	.02	.03	.02	.07	.13	.09	.046	23	.15
29	.11	.12	.10	.11	.10	.10	.06	.07	.08	.05	.03	.02							.01	.01	.00	.00	.00	.00	.053	18	.14
30	.00	.00	.00	.00	.00	.00	.00	.02	.04	.02	.02	.00	.00		.00			.00	.00	.00	.00	.00	.00	.00	.004	21	.05
31*	.04	.01	.01	.02	.03	.01	.01	.01	.01	.01	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.007	20	.04
MEAN	.03		.03	.03	.02	.02	.03	.04	.06	.05	.04	.03	.02					.04	.03	.03	.03	.03	.03	.03	.032		
NO.	22	10	21	23	23	23	23	23	22	21	20	18	16	14	15	8	12	17	23	23	23	23	23	23		469	
MAX.	.11	.12	.16	.15	.11	.10	.16	.13	.15	.16	.13	.12	.07	.07	.08	.10	.11	.13	.08	.07	.08	.07	.13	.10	.079		.20

* Indicates Saturday or Sunday

Local standard time used

Table 3-30. APRIL, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.00	.00	.00	.00	.01	.00	.00	.01	.02						.02			.00	.00	.00	.00	.00	.00	.00	.003	17	.04
2	.00	.00	.00	.00	.00	.00	.01	.03	.03	.02					.00			.01	.01	.02	.04	.05	.05	.08	.019	18	.09
3	.05	.07	.04	.02	.01	.01	.02	.03	.02	.02	.01	.01	.01	.01	.01		.02	.03	.03	.02	.03	.02	.03	.03	.023	23	.08
4	.06	.07	.07	.12	.13	.15	.20	.21	.12	.03	.01	.01	.00	.00	.00							.03	.03	.02	.070	18	.22
5	.03	.04	.04	.02	.02	.04	.04	.06	.07	.05	.04	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.028	24	.09
6	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.01	.01	.00	.00			.01	.01	.00	.01	.01	.01	.01	.008	22	.03
7*	.01	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.00	.00			.01	.00	.00	.02	.05	.09	.06	.013	22	.10
8*	.05	.04	.04	.03	.04	.04	.02	.00	.01	.02	.02	.00	.00	.00	.00			.01	.02	.02	.02	.02	.05	.21	.030	22	.28
9	.24				.30	.31	.14	.18	.07	.02	.02	.00	.00	.00	.00			.01	.01	.01	.01	.02	.03	.07	.076	19	.43
10	.09	.18	.06	.02	.01	.01	.02	.02	.02	.01	.01	.00	.00	.00	.00			.01	.01	.03	.05	.17	.10	.10	.042	22	.24
11	.11	.10	.09	.20	.21	.03	.01	.02	.06	.07	.06								.06	.07	.05	.05	.03	.04	.073	17	.26
12																											
13																											
14*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00							.01	.01	.01	.02	.03	.04	.04	.04	.011	18	.05
15*	.04	.05	.07	.06	.03	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.01	.01	.02	.019	23	.08
16	.01	.01	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.01	.01	.02		.02	.04	.04	.02	.02	.02	.02	.02	.015	23	.05
17	.04	.02	.01	.01	.00	.00	.02	.03	.03	.03	.02	.01	.01	.01	.01		.01	.02	.02	.03	.03	.05	.04	.04	.021	23	.05
18	.06	.08	.10	.07	.05	.07	.05	.12	.13	.07	.01	.01	.00	.01	.01			.01	.01	.01	.01	.03	.06	.06	.046	22	.19
19	.07	.09	.05	.05	.04	.04	.07	.07	.05	.03	.02	.02	.01	.01	.01			.03	.04	.05	.05	.07	.07	.05	.044	22	.10
20	.06	.13	.07	.03	.02	.03	.04	.15	.15	.08	.07	.04	.01	.02	.02										.060	15	.20
21*																											
22*	.04	.06	.05	.04	.03	.04	.04	.03	.02	.02	.01	.01	.00						.01	.06	.07	.05	.04	.05	.035	19	.09
23	.06	.06	.04	.03	.01	.02	.02	.05	.04	.02								.01	.01	.00	.02	.02	.04	.03	.026	17	.07
24																											
25	.20	.18	.23	.21						.06	.05	.02	.02	.01	.01		.00	.02	.03	.05	.17	.18	.13	.13	.094	18	.26
26	.11	.12	.10	.12	.23	.13	.05	.08	.16	.17	.15	.07	.05	.04			.01	.01	.00	.00	.02	.04	.06	.03	.079	22	.25
27	.01	.01	.01	.01	.01	.04	.12	.19	.16		.04	.03	.02	.01	.01	.01		.03	.05	.01	.01	.00	.01	.00	.036	22	.21
28*	.01	.01	.01	.03	.03	.02	.02	.04	.05	.04	.03	.03	.02	.01	.01			.01	.01	.00	.00				.019	19	.05
29*		.02	.01	.01	.01	.01	.01	.02	.01	.00	.01	.01	.00	.00		.00	.00	.00	.00	.03	.04	.01	.00	.00	.009	22	.08
30	.00	.00	.00	.00	.00	.01	.05	.07	.04	.04	.07	.09	.07	.11			.15	.11	.08	.08	.06	.04	.06	.05	.053	22	.16
MEAN	.05	.05	.04	.04	.05	.04	.04	.06	.05	.04	.03	.02	.01	.01	.01			.02	.02	.02	.03	.04	.04	.05	.036		
NO.	25	25	25	25	25	25	25	25	25	24	22	21	21	20	19	3	10	22	24	24	24	24	24	24		531	
MAX	.24	.18	.23	.21	.30	.31	.20	.21	.16	.17	.15	.09	.07	.11	.03	.02	.15	.11	.08	.08	.17	.18	.13	.21	.094		.43

* Indicates Saturday or Sunday

Local standard time used

Table 3-31 June, 1962. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX
1	.02	.01	.00	.00	.02	.04	.04	.03	.02	.01	.01	.00	.00	.00	.00		.02	.01	.00	.00	.01	.02	.01	.00	.011	23	.06
2*	.01	.00	.00	.00	.01	.02	.03	.01									.00	.00	.00	.00	.01	.01	.01	.01	.007	16	.04
3*	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00			.00	.00	.00	.00	.00	.02	.01	.002	21	.03
4	.01	.01	.01	.01	.01	.01	.03	.04	.04	.03	.02	.01	.01	.01	.01										.017	15	.06
5																											
6	.02	.02	.02	.02	.01	.02	.02	.03	.03	.02	.02	.01	.01	.01	.01		.02	.01	.01	.02	.03	.02	.01	.01	.017	23	.03
7	.00	.00	.00	.00	.00	.00	.02	.04	.02	.01	.01	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.02	.007	23	.04
8	.05	.03	.02	.01	.00	.00	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.02	.00	.00	.00	.00	.008	24	.06
9*	.00	.03	.07	.05	.08	.06	.04	.03	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.06	.01	.020	23	.09
10*	.01	.01	.04	.05	.04	.05	.04	.03	.02	.02	.02	.01	.00	.00	.00		.00	.00	.01	.01	.01	.01	.01	.01	.017	23	.05
11	.01	.01	.01	.01											.01		.00	.00	.00	.00	.01	.01	.01	.01	.007	13	.02
12	.01	.00	.00	.01	.01	.02	.04	.10	.07	.07	.05	.02	.01	.01	.00		.00	.01	.03	.03	.02	.04	.04	.03	.026	23	.12
13	.01	.01	.01	.01	.01	.01	.04	.06	.05	.04	.04	.03	.03	.04	.05		.07	.05	.04	.03	.03	.04	.04	.03	.033	23	.07
14	.03	.02	.01	.01	.01	.01	.04	.06	.07	.05	.04	.04	.03	.02	.02		.03	.03	.03	.03	.01	.01	.02	.02	.027	23	.09
15	.02	.04	.04	.02	.05	.08	.12	.10	.03	.02	.02	.02	.01	.02	.04		.01	.01	.01	.02	.04	.05	.07	.07	.038	23	.14
16*	.07	.10	.06	.03	.02	.01	.02	.03							.00		.00	.00	.00	.02	.06	.07	.11	.11	.041	17	.14
17*	.11	.11	.06	.03	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.016	23	.14
18	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.01	.06	.005	23	.06
19	.03	.07	.05	.04	.08	.05	.03	.04	.02	.01	.00	.00	.00	.00	.00		.00	.00	.01	.05	.05	.10	.02	.01	.028	23	.12
20	.01	.01	.01	.00	.00	.00	.02	.04	.05	.10	.06	.02	.01	.01			.03	.04	.04	.03	.03	.03	.03	.03	.027	22	.15
21																											
22																											
23*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.000	16	.00
24*	.01	.01	.01	.00	.00	.00	.00	.01	.02	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.02	.003	23	.03
25	.04	.02	.01	.01	.01	.02	.06	.04	.02	.02	.02	.02	.00	.00	.00		.00	.00	.00	.00	.00	.01	.02	.04	.005	23	.04
																	.01	.01	.01	.02	.04	.11	.03	.03	.027	20	.21
26																											
27	.06	.02	.01	.00	.00	.00	.02	.03	.02	.01	.01	.01	.01	.00	.00		.01	.01	.00	.00	.00	.00	.00	.00	.009	23	.06
28	.00	.00	.00	.00	.00	.01	.05	.08	.08	.06	.05	.02	.01	.01	.00			.00	.00	.00	.00	.00	.00	.00	.017	22	.10
29	.00	.00	.02	.06	.04	.05	.09	.15	.10	.03	.01	.01	.00	.00			.00	.00	.00	.00	.02	.01	.00	.01	.027	22	.15
30*	.02	.02	.01	.01	.00	.00	.01	.01	.01	.01	.02	.03	.02	.01	.01		.00	.00	.00	.00	.00	.01	.00	.00	.008	23	.04
MEAN	.02	.02	.02	.01	.02	.02	.03	.04	.03	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.017		
NO	26	26	26	26	25	25	25	26	24	24	23	24	23	23	23	1	24	26	26	26	26	26	26	26		576	
MAX	.11	.11	.07	.06	.08	.08	.12	.15	.10	.10	.06	.04	.03	.04	.05	.00	.07	.05	.04	.05	.06	.11	.11	.11	.041		.21

* Indicates Saturday or Sunday

Local standard time used

Table 3-32. MAY, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.02	.03	.01	.02	.03	.07	.10	.11	.13	.20	.17	.13	.14	.11		.08	.07	.03	.02	.02	.02	.02	.01	.069	23	.21
2	.02	.01	.01	.01	.01	.02	.05				.09	.09	.07	.10	.11		.18	.13	.10	.10	.10	.10	.06	.05	.069	20	.20
3	.04	.02	.01	.01	.03	.11	.22	.26	.24	.18	.06	.05	.03	.02	.02		.01	.01	.02	.01	.00	.05	.10	.10	.069	23	.31
4	.04	.10	.16	.26	.36	.27	.29	.22	.12	.05	.02	.01	.01	.01	.01		.02	.02	.02	.08	.20	.18	.14	.13	.117	23	.39
5*	.18	.27	.51	.56	.42	.34	.25	.12	.04	.01	.01	.01	.00	.00	.00		.00	.00	.01	.03	.21	.33	.29	.31	.169	23	.58
6*	.55	.61	.48	.17	.21	.22	.21	.11	.04	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.115	23	.64
7	.00	.00	.00	.00	.00	.01	.03	.02	.02	.02	.01	.01	.01	.01	.01		.02	.02	.01	.01	.01	.01	.01	.01	.011	23	.03
8	.00	.00	.00	.00	.00	.01	.05	.09	.10	.08	.07	.03	.04	.03	.04		.09	.06	.04	.03	.03	.03	.02	.01	.037	23	.12
9	.01	.01	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00												.005	13	.02
10																											
11	.07	.14	.16	.19	.15	.17	.20	.20	.21	.18	.16	.11	.07	.06	.05		.06	.02	.01	.01	.03	.10	.26	.39	.129	23	.45
12*	.41	.20	.13	.07	.06	.05	.07	.03	.03	.03	.03	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.048	24	.49
13*	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.01	.00	.00	.01	.01			.00	.00	.00	.00	.01	.00	.00	.004	22	.03
14	.00	.00	.00	.00	.00	.02	.04	.03	.03	.02	.01	.01	.02	.01	.01		.01		.00	.00	.02	.03	.03	.02	.014	22	.05
15	.01	.05	.06	.05	.08	.13	.10	.10	.03	.03	.02	.01	.01				.01	.01	.00	.01	.00	.02	.04	.01	.037	21	.16
16	.01	.00	.00	.00	.00	.01	.04	.06	.05	.04	.05	.04	.03	.04	.02		.03	.02	.02	.02	.01	.01	.01	.02	.023	23	.08
17	.02	.01	.01	.01	.00	.03	.08	.14	.09	.03	.04	.02	.01	.01	.01		.00	.01	.01	.01	.00	.01	.04	.04	.026	23	.14
18	.06	.07	.05	.02	.02	.04	.09	.09	.03	.01	.01	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.02	.03	.025	23	.11
19*	.03	.08	.08	.01	.00	.00	.02	.04	.02	.01	.00	.00	.00	.00	.00			.00	.00	.00	.01	.01	.00	.00	.015	22	.18
20*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
22	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
23	.00	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00		.00	.01	.00	.00	.00	.01	.05	.07	.006	22	.08
26*	.07	.05	.03	.01	.01	.01	.02	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00	.01	.01	.01	.00	.00	.012	23	.07
27*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.000	23	.02
28	.00	.00	.01	.01	.04	.09	.12	.08	.06	.06	.06	.04	.03	.03	.02		.02	.00	.00	.00	.01	.00	.00	.00	.029	23	.15
29	.00	.00	.00	.00	.00	.00	.03	.05	.02	.01	.01	.00	.00	.00	.00		.00	.00	.01	.00	.00	.01	.01	.01	.007	23	.06
30	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.03		.04	.04	.006	22	.05
31	.03	.04	.05	.04	.07	.15	.24					.00	.00	.00	.00		.01	.00	.00	.01	.01	.02	.02	.03	.037	19	.26
MEANS	.05	.06	.06	.05	.05	.06	.07	.07	.05	.03	.03	.02	.02	.02	.02		.02	.01	.01	.01	.02	.03	.04	.04	.037		
NO	30	30	30	30	30	30	30	28	28	28	28	30	30	28	28	1	27	28	29	29	29	28	29	29		667	
MAX	.55	.61	.51	.56	.42	.34	.29	.26	.24	.18	.20	.17	.13	.14	.11	.00	.18	.13	.10	.10	.21	.33	.29	.39	.169		.64

* Indicates Saturday or Sunday

Local standard time used

Table 3-33. JULY, 1962. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	1 MIN. MAX
1*	.01	.12	.13	.11	.08	.05	.04	.02	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.024	23	.15
2	.00	.00	.00	.00	.00	.00	.03	.05	.04								.01	.01	.01	.01	.01	.01	.01	.01	.011	17	.06
3	.01	.01	.01	.01	.02	.03	.04	.07	.08	.04	.02	.02	.02	.01	.00		.01	.01	.01	.01	.02	.01	.01	.01	.020	23	.09
4	.02	.03	.02	.02	.02	.03	.02	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.008	23	.05
5	.02	.01	.00	.00	.00	.00	.02	.03	.02	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.006	23	.03
6	.00	.00	.00	.00	.00	.01	.04	.05	.02	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.01	.03	.007	22	.07
7*	.04	.01	.01	.01	.01	.01	.01	.01		.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.02	.007	22	.05
8*	.03	.01	.01	.02	.04	.01	.00	.00	.00	.01	.01	.01	.00					.00	.00	.00	.00	.00	.00	.01	.008	20	.04
9	.01	.03	.03	.03	.03	.03	.06	.08	.06	.02	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.01	.017	23	.08
10	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.008	22	.03
11	.00	.03	.07	.07	.05	.06	.08	.07	.04	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.021	23	.08
12	.01	.02	.02	.01	.00	.00	.00	.06		.07	.02	.03	.02	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.013	22	.12
13	.00	.00	.01	.00	.00	.00	.01	.03	.02		.01	.00	.00	.00	.00		.00	.00	.00	.00	.02	.03	.02	.02	.007	22	.03
14*	.03	.03	.03	.04	.06	.07	.08	.09			.01	.01	.01	.00	.00		.00	.00	.01	.01	.01	.02	.03	.03	.027	21	.09
15*	.03	.03	.03	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.02	.007	23	.03
16	.03	.03	.02	.02	.02	.02	.03	.04	.05	.02	.01	.00	.00	.00	.02		.02	.01	.01	.02	.01	.01	.01	.01	.018	23	.05
17	.01	.01	.01	.01	.02	.03	.05	.10	.10	.07				.01	.01		.01	.01	.01	.01	.01	.00	.00	.00	.024	20	.11
18	.01	.00	.00	.00	.00	.00	.00	.01	.02			.00	.00	.03	.04		.10	.06	.03	.04	.08	.08	.07	.12	.033	21	.14
19	.13	.11	.06	.02	.02	.02	.06	.06	.04	.02	.01	.00	.00	.00	.00		.01	.01	.00	.02	.12	.23	.10	.08	.049	23	.25
20	.09	.18	.22	.13	.18	.17	.28	.12	.05	.04	.01	.00	.01	.01	.01		.01	.02	.01	.01					.081	19	.36
21*																											
22*											.01	.01	.01	.00	.01		.01	.01	.01	.01	.01	.01	.01	.00	.007	13	.03
23	.01	.01	.02	.04	.03	.04	.04	.04	.05	.03	.01	.00	.01	.01	.01		.01	.01	.01	.00	.01	.01	.01	.01	.017	23	.09
24	.00	.01	.00	.00	.01	.02	.03	.03	.02	.01	.01	.01	.01	.02	.01		.02	.01	.00	.02	.05	.01	.02	.01	.014	23	.09
25	.01	.01	.00	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.01	.02	.03	.011	23	.03
26	.02	.02	.03	.03	.03	.04	.04	.05		.02	.01	.01	.01	.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.016	22	.05
27	.01	.01	.01	.01	.02	.03	.04	.04			.01	.00	.00	.01	.01			.01	.01	.02	.02	.03	.04	.05	.017	20	.06
28*	.05	.04	.04	.04	.04	.04	.03	.03		.04	.00		.00	.00	.01	.00	.01	.00	.01	.00	.00	.00	.00	.02	.018	22	.13
29*	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.003	24	.04
30	.00	.00	.00	.00	.01	.02	.05	.09	.05	.03	.04	.10	.04	.01	.01	.01	.02	.00	.00	.00	.00	.00	.00	.00	.020	24	.14
31	.01	.02	.02	.04	.03	.04	.06	.06	.04	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.015	24	.08
MEAN	.02	.03	.03	.02	.02	.03	.04	.04	.03	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.01	.02	.018		
NO.	29	29	29	29	29	29	29	29	23	24	27	27	28	28	26	4	28	30	30	30	29	29	29	29		653	
MAX	.13	.18	.22	.13	.18	.17	.28	.12	.10	.07	.04	.10	.04	.03	.04	.01	.10	.06	.03	.04	.12	.23	.10	.12	.081		.36

* Indicates Saturday or Sunday

Local standard time used

Table 3-34. AUGUST, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS.	5 MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.09	.02	.00	.00	.01	.04	.04	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.06	.03	.04	.019	24	.14
2	.03	.05	.03	.03	.05	.06	.10	.04	.02	.01	.00	.00	.00	.00	.00		.01	.00	.00	.03	.01	.00	.00	.00	.019	23	.12
3	.00	.00	.00	.00	.00	.01	.02	.02	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.002	22	.04
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*																											
12*	.42	.36	.19	.13	.10	.11	.08	.03	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.067	21	.44
13	.00	.00	.00	.01	.06	.08	.10	.06	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.00	.00	.01	.00	.014	23	.12
14	.00	.01	.00	.00	.05	.04	.03	.04	.04	.04	.01	.01	.01	.01		.02	.01	.01	.01	.01	.02	.03	.03	.03	.020	23	.09
15																											
16																											
17	.00	.00	.02	.00	.01	.02	.02	.04	.01	.01	.01	.01	.00	.01		.00	.01	.01	.01	.02	.04	.03	.06	.08	.018	23	.10
18*	.05	.01	.00	.00	.00	.00	.02	.01	.01	.00	.00	.00				.00	.00	.00	.01	.01	.02	.01	.03	.04	.011	21	.10
19*	.05	.01	.01	.01	.01	.02	.04	.01	.00	.01	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.008	23	.06
20	.00	.01	.00	.00	.00	.00	.04	.06	.03	.02	.01	.01	.01	.01		.00	.00	.00	.02	.03	.01	.00	.02	.03	.014	23	.07
21	.05	.06	.04	.00	.00	.01	.02	.02	.01	.01			.02	.01		.01	.01	.00	.00	.01	.02	.03	.05	.05	.021	21	.09
22	.05	.04	.03	.01	.00	.01	.05	.05	.03	.02	.01	.01	.01	.01		.01	.02	.01	.01	.01	.03	.05	.06	.03	.024	23	.07
23	.03	.02	.02	.01	.01	.03	.06	.08	.05	.05	.02	.01	.01	.02		.01	.02	.01	.01	.01	.02	.02	.01	.02	.024	23	.08
24	.03	.02	.02	.07	.07	.09	.17	.14		.02	.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.04	.02	.01	.036	22	.20
25*	.01	.01	.01	.01	.06	.07	.06	.05	.02	.01	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.014	22	.08
26*	.01	.00	.00	.01	.04	.02	.04	.05		.04	.02	.01	.00	.00		.00	.00	.00	.00	.00	.01	.01	.02	.01	.013	22	.06
27	.01	.01	.01	.01	.00	.03	.08	.06	.05	.01	.01	.00	.00	.00		.00	.01	.00	.00	.00	.01	.00	.02	.01	.014	23	.10
28	.00	.01	.01	.01	.01	.08	.11	.10	.06	.05	.03	.03	.03	.02		.03	.03	.02	.01	.01	.01	.02	.02	.02	.031	23	.13
29	.00	.00	.00	.00	.00	.00	.02	.03				.01	.01	.01		.00	.01	.00	.00	.02	.01	.02	.02	.03	.009	20	.04
30	.03	.04	.03	.04	.05	.06	.05	.05			.00	.00	.00	.01		.01	.02	.02	.04	.23	.34	.18	.28	.05	.072	21	.49
31	.00	.00	.01	.01	.03	.08	.19	.15	.04			.00	.00	.00			.01	.01	.01	.03	.03	.02	.03	.03	.034	20	.24
MEAN	.04	.04	.02	.02	.03	.04	.06	.05	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.02	.03	.02	.03	.02	.023		
NO.	21	21	21	21	21	21	21	21	17	18	18	20	19	18	2	18	21	21	21	21	21	21	21	21		466	
MAX	.42	.36	.19	.13	.10	.11	.19	.15	.06	.05	.03	.03	.03	.02	.00	.03	.03	.02	.04	.23	.34	.18	.28	.08	.072		.49

* Indicates Saturday or Sunday

Local standard time used

Table 3-35. SEPTEMBER, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1*	.03	.04						.00	.01	.02	.01	.01					.01	.01	.00	.00	.01	.01	.01	.03	.013	15	.04
2*	.03	.03	.03	.08	.03	.03	.03	.02			.00	.00	.01	.02		.03	.04	.03	.03	.03	.03	.01	.02	.01	.025	21	.11
3	.01	.01	.01	.01	.01	.02	.03	.03	.02	.03	.02	.02	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.03	.015	23	.05
4																											
5	.01	.01	.01	.01	.01	.03	.07	.12	.08	.07	.09	.08	.06	.07		.06	.09	.07	.05	.05	.06	.04	.05	.02	.051	23	.15
6	.00	.00	.00	.00	.01	.01	.04	.05	.03	.02	.01	.01	.01												.016	13	.06
7																											
8*	.45	.37	.38	.23	.19	.18	.20	.20	.09	.03	.00	.00	.00			.00	.00	.00	.01	.01	.02	.02	.03	.03	.110	22	.50
9*																											
10	.02	.03	.05	.04	.06	.04	.07	.09	.05	.03		.02	.01	.01		.01	.01	.00	.00	.00	.00				.028	19	.10
11																											
12	.01	.00	.00	.00	.00	.00	.04	.05	.02	.00	.00	.00	.00	.00		.02	.02	.02	.03	.06	.12	.27	.37	.35	.059	23	.44
13	.17	.15	.13	.07	.09	.11	.28	.33	.12	.04	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.064	23	.54
14	.04	.01	.02	.00	.01	.06	.06	.06	.04	.01	.01	.01	.00	.00		.03	.04	.04	.02	.03	.04	.13	.06	.02	.031	23	.17
15*	.02	.02	.01	.00	.00	.01	.10	.05	.03	.01	.01	.01		.01		.01	.00	.00	.01	.03	.07	.04	.05	.05	.025	22	.12
16*	.03	.01	.00	.00	.00	.00	.01	.01			.00	.01	.00	.00		.01	.01	.00	.00	.00	.01	.02	.01	.00	.007	21	.06
17																											
18		.05	.06	.06	.06	.03	.04	.04	.03	.01	.01	.01	.01	.00		.01	.02	.02	.03	.02	.02	.02	.01	.02	.026	22	.08
19	.02	.03	.03	.02	.01	.02	.05	.07	.05	.02	.01	.01	.01	.01		.11	.09	.06	.03	.03					.035	19	.13
20						.03	.06	.08	.06	.02	.02	.02	.01	.01		.02	.03	.03	.04	.06	.03	.01	.03	.04	.033	18	.09
21	.04	.04	.02	.03	.02	.04	.08	.10	.05	.02	.02		.02	.02		.02	.03	.03	.06	.03	.02	.03	.03	.03	.035	22	.11
22*																											
23*					.02	.03	.04	.03	.02	.02	.01	.01	.01	.01		.01	.02	.02	.01	.02	.05	.06	.07	.10	.029	19	.14
24	.04	.04	.04	.02	.02	.04	.10	.17	.10	.02	.02	.02	.01	.01		.01	.02	.01	.01	.01	.01	.02	.04	.06	.035	23	.20
25	.07	.06	.05	.05	.02	.02	.06	.06			.00	.00	.00	.00		.01	.01	.00	.01	.00	.00	.00	.04	.04	.023	21	.09
26	.03	.03	.02	.04	.08	.10	.12	.09	.05	.02	.02	.01	.01	.00		.02	.03	.02	.05	.08	.09	.08	.06	.04	.047	23	.13
27	.01	.01	.00	.00	.00	.02	.05	.08	.06		.01	.02	.01	.01		.04	.05	.05	.03	.04	.06	.05	.05	.07	.032	22	.09
28	.02	.00	.00	.00	.01	.00	.03	.02	.02	.02	.01	.01	.00	.00			.00	.00	.00	.00	.00	.01	.03	.04	.010	22	.06
29*	.04	.01	.02	.01	.01	.01	.02	.03	.01	.01	.00	.01	.01	.01		.01	.01	.01	.04	.04	.07	.06	.05	.10	.025	23	.14
30*	.06	.03	.02	.01	.03	.03	.04	.05	.01	.01	.01	.01	.00	.00		.00	.00	.00	.00	.00	.02	.04	.05	.09	.021	23	.18
MEAN	.05	.04	.04	.03	.03	.04	.07	.07	.04	.02	.01	.01	.01	.01		.02	.02	.02	.02	.02	.03	.04	.05	.06	.034		
NO	21	22	21	21	22	23	23	24	21	20	23	23	22	21		21	23	23	23	23	22	21	21	21		505	
MAX	.45	.37	.38	.23	.19	.18	.28	.33	.12	.07	.09	.08	.06	.07		.11	.09	.07	.06	.08	.12	.27	.37	.35	.110		.54

* Indicates Saturday or Sunday

Local standard time used

Table 3-36. OCTOBER, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.24	.24	.22	.16	.16	.16	.26	.32	.20	.11	.02	.01	.01	.01		.01	.02	.01	.01	.01	.00	.00	.00	.01	.151	14	.36
2									.12	.08	.11	.08	.02	.02		.02	.02	.01	.00	.00	.00	.02	.02	.00	.032	15	.14
3	.04	.16	.18	.13	.08	.10	.15	.23	.25			.01		.00		.02	.02	.01	.00	.00	.00	.02	.02	.00	.070	20	.31
4	.00	.00	.00	.01	.01	.04	.08	.07	.05	.04	.03	.03	.02			.03	.06	.05	.05	.04	.01	.02	.03	.02	.031	22	.10
5	.02	.01	.00	.01	.01	.02	.06	.09	.08	.05	.03	.03	.03	.03		.04	.05	.05	.05	.05	.05	.04	.03	.03	.035	23	.11
6*	.03	.03	.02	.01	.01	.03	.03	.05	.03	.03	.02	.02		.01		.01	.01	.02	.02	.05	.04	.03	.03	.01	.024	22	.07
7*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.03	.008	23	.04
8	.02	.02	.01	.03	.04	.04	.09	.09	.05	.04			.02	.02		.03	.02	.03	.04	.17	.14	.26	.35	.30	.086	21	.43
9	.08	.06	.03	.04	.03	.07	.07	.08	.09	.10	.05	.02	.06	.06			.05	.03	.02	.04	.03	.03	.02	.01	.048	22	.14
10	.01	.00	.01	.01	.03	.03	.08	.12	.10	.06	.04	.02	.01	.02		.02	.04	.04	.04	.05	.06	.04	.06	.06	.040	23	.15
11	.06	.10	.06	.06	.07	.09	.19	.29	.24	.09	.10	.05	.03	.01		.01	.03	.01	.07	.07	.07	.05	.06	.06	.080	23	.33
12	.08	.12	.25	.23	.12	.12	.11	.10	.05	.03	.03	.01	.01	.02		.01	.01	.05	.07	.03	.01	.01	.01	.00	.064	23	.26
13*	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01				.01	.01	.03	.05	.25	.42	.27	.18	.10	.067	21	.52
14*	.19	.18	.17	.12	.11	.08	.09	.03	.03	.03	.02	.02	.01	.01		.01	.01	.01	.03	.05	.04	.01	.01	.01	.056	23	.23
15	.01	.04	.05	.05	.07	.15	.19	.19	.17	.07	.04	.02	.01	.01		.02	.03	.02	.02	.02	.01	.02	.02	.02	.053	23	.24
16	.01	.01	.01	.00	.01	.01	.02	.03									.01	.02	.02	.02	.03	.04	.06	.04	.020	16	.08
17	.04	.05	.05	.05	.07	.10	.12	.11	.10			.02	.02	.02		.03	.04	.06	.06	.09	.09	.07	.03	.02	.058	21	.13
18	.01	.01	.01	.03	.04	.09	.16	.21	.15	.05	.03	.02	.01	.01		.02	.04	.06	.15	.29	.50	.32	.57	.44	.149	23	.62
19	.30	.32	.23	.18	.13	.13	.22	.36	.26	.13	.08	.04	.03	.02		.03	.05	.05	.02	.01	.01	.04	.03	.02	.116	23	.39
20*	.04	.20	.09	.07	.15	.14	.14	.15	.11	.03	.01	.01				.00	.02	.12	.24	.34	.03	.02	.02	.02	.092	21	.57
21*	.04	.07	.04	.02	.00	.01	.03	.03	.05	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.018	23	.09
22	.00	.02	.02	.01	.02	.05	.08	.12	.07	.03	.01	.01	.02	.01		.01	.02	.02	.03	.04	.05	.04	.07	.04	.033	23	.13
23	.01	.00	.01	.00	.00	.01	.01	.07	.08	.04	.03	.04	.03	.02		.03	.04	.07	.14	.09	.04	.02	.02	.01	.035	23	.17
24	.01	.01	.01	.01	.01	.03	.06	.07	.05		.02	.01	.01	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.024	22	.08
25	.02	.02	.01	.02	.02	.04	.10	.16	.12	.15	.08	.05	.05	.04		.01	.02	.03	.02	.02	.02	.03	.03	.03	.047	23	.19
26	.02	.02	.02	.02	.02	.02	.03	.04	.03	.02	.02	.02	.01	.02			.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.05
27*	.02	.01	.01	.01	.01	.02	.03	.05	.05	.02	.02	.02	.01	.01		.01	.02	.02	.04	.08	.08	.05	.08	.08	.033	23	.10
28*	.06	.07	.07	.03	.02	.03	.04	.05					.01	.01		.01	.01	.01	.01	.01	.01	.03	.03	.03	.029	19	.09
29	.03	.03	.01	.00	.00	.00	.01	.02	.03	.02	.01	.01	.01	.01		.02	.03	.06	.08	.07	.08	.12	.07	.05	.032	23	.15
30	.05	.07	.08	.07	.05	.05	.08	.14	.21	.17	.10	.10	.12	.10		.10	.06	.07	.04	.02	.02	.01	.00	.00	.074	23	.23
31	.01	.01	.01	.01	.02	.01	.02	.08	.09	.07	.07	.05	.06	.05		.07	.09	.13	.12	.11	.08	.08	.08	.05	.059	23	.15
MEAN	.05	.06	.06	.05	.04	.06	.08	.11	.10	.06	.04	.03	.02	.02		.02	.03	.04	.05	.07	.07	.06	.07	.05	.054		
NO.	30	30	30	30	30	30	30	30	29	26	26	28	26	27		27	30	30	30	30	30	30	30	30		669	
MAX	.30	.32	.25	.23	.16	.16	.26	.36	.26	.17	.11	.10	.12	.10		.10	.09	.13	.24	.34	.50	.52	.57	.44	.151		.62

* Indicates Saturday or Sunday

Local standard time used

Table 3-37. NOVEMBER, 1962. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.03	.02	.01	.00	.00	.00	.02	.05	.05	.03	.01	.01	.01	.01		.02	.03	.07	.11	.13	.13	.25	.33	.12	.062	23	.37
2	.08	.07	.04	.04	.06	.08	.13	.22	.20	.05	.03	.02	.02	.03		.04	.05	.06	.04	.03	.05	.05	.05	.05	.064	23	.25
3*	.04	.03	.04	.04	.03	.02	.01	.02	.02	.03	.02					.02	.03	.02	.02	.01	.03	.03	.02	.03	.025	20	.06
4*	.03	.02	.02	.03	.02	.02	.03	.04	.03			.01	.01	.01		.01	.03	.04	.05	.05	.04	.03	.04	.04	.028	21	.07
5	.07	.12	.07	.09	.06	.05	.07	.09	.09		.03	.03	.03	.04		.05	.06	.09	.06	.06	.07	.07	.07	.06	.064	22	.14
6	.03	.03	.04	.02	.01	.01	.03	.08	.08	.06	.04	.04	.03	.03		.04	.06	.10	.13	.10	.08	.09	.16	.20	.064	23	.22
7	.18	.24	.24	.22	.12	.11	.27	.41	.42	.19	.06	.07	.06	.04		.04	.05	.08	.09	.04	.08	.13	.14	.09	.145	23	.52
8	.09	.10	.07	.07	.07	.09	.12	.17	.18	.14	.10	.06	.03	.03		.05	.07	.09	.09	.08	.13	.13	.12	.11	.094	23	.20
9	.11	.12	.06	.04	.04	.05	.10	.15	.18	.15	.11	.11	.11	.09		.09	.09	.15	.09	.08	.08	.05	.03	.01	.090	23	.19
10*	.01	.01	.00	.00	.01	.00	.00	.02	.01	.01	.01	.01	.02			.02	.02	.04	.04	.05	.05	.05	.04	.04	.020	22	.06
11*	.03	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01		.01	.03	.04	.02	.03	.03	.02	.03	.04	.016	23	.05
12	.04	.04	.03	.01	.01	.02	.02	.09	.09	.07	.06	.08	.08	.04		.01	.03	.06	.20	.06	.05	.05	.04	.08	.055	23	.26
13	.07	.15	.33	.36	.21	.12	.15	.27	.38	.40	.27	.14	.07	.07		.04	.07	.13	.12	.11	.11	.14	.14	.11	.172	23	.44
14	.12	.13	.07	.05	.06	.05	.06	.14	.12	.06	.03	.03	.03	.02		.03		.08	.09	.08	.06	.06	.05	.03	.065	22	.18
15	.02	.02	.01	.01	.01	.01	.04	.08	.07	.05	.04							.08	.11	.07	.07	.06	.11	.09	.051	18	.13
16	.08	.07	.07	.05	.04	.03	.03	.08	.08	.04	.02	.02	.03	.02		.04	.05	.09	.11	.11	.05	.05	.07	.08	.057	23	.15
17*	.05	.05	.09	.08	.05	.04	.02	.04	.07	.10	.08	.06	.06	.08		.11	.11	.12	.12	.10	.11	.10	.08	.11	.078	23	.13
18*	.12	.10	.08	.06	.05	.04	.03	.02	.02			.03	.03	.03		.02	.02	.03	.04	.04	.03	.03	.03	.02	.040	21	.12
19	.02	.01	.01	.01	.01	.01	.02	.06	.09	.07	.04	.03	.03	.03		.06	.09	.19	.15	.18	.28	.35	.14	.09	.085	23	.45
20	.08	.06	.05	.04	.03	.04	.06	.09	.12	.11	.10	.08	.09	.07		.05	.09	.11	.10	.13	.13	.12	.08	.05	.081	23	.16
21	.04	.03	.02	.01	.01	.00	.01	.02	.03	.03	.02	.03	.03			.03	.03	.03	.04	.07	.09	.11	.10		.036	21	.16
22	.11	.13	.10	.08	.11	.16	.12	.07	.05	.03	.03	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.049	23	.16
23	.01	.01	.01	.01	.01	.01	.02	.05	.05	.04	.03	.03		.02		.03	.05	.07	.07	.07	.09	.12	.12	.05	.044	22	.14
24*	.02	.03	.01	.01	.01	.02	.03	.05			.01	.01		.01		.01	.03	.04	.05	.04	.04	.06	.09	.09	.034	20	.12
25*	.13	.12	.10	.06	.05	.06	.07	.10	.15	.08	.03	.04	.04	.03		.03	.04	.03	.05	.05	.06	.05	.05	.05	.063	23	.18
26	.05	.02	.01	.01	.01	.01	.02	.04	.06	.03	.03	.03	.03	.03		.05	.06	.07	.09	.07	.07	.06	.05	.06	.042	23	.09
27	.06	.05	.03	.03	.02	.01	.03	.06	.07	.08	.08	.05	.03	.03		.03	.05	.09	.08	.06	.08	.08	.10	.13	.057	23	.13
28	.12	.09	.07	.07	.06	.05	.07	.10	.12	.09	.07	.06				.04	.07	.13	.09	.07	.08	.09	.09	.11	.082	21	.14
29	.10	.08	.05	.04	.04	.04	.05	.09	.10	.08				.02		.04	.08	.18	.16	.15	.11	.10	.12	.14	.088	20	.22
30	.19	.47	.38	.29	.14	.13	.17	.29	.39	.33	.14	.07	.04	.04		.05	.11	.39	1.08	1.57	1.38	1.20	1.00	.69	.458	23	1.58
MEAN	.07	.08	.07	.06	.04	.04	.06	.10	.11	.09	.06	.04	.04	.03		.04	.05	.09	.12	.12	.12	.12	.12	.09	.063		
NO.	30	30	30	30	30	30	30	30	29	26	27	27	24	25		29	28	30	30	30	30	30	30	29		664	
MAX	.19	.47	.38	.36	.21	.16	.27	.41	.42	.40	.27	.14	.11	.09		.11	.11	.39	1.08	1.57	1.38	1.20	1.00	.69	.458		1.58

* Indicates Saturday or Sunday

Local standard time used

Table 3-38. DECEMBER, 1962, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX
1*	.51	.62	.65	.45	.25	.18	.20	.22	.21	.21	.19	.14	.06	.04			.15	.26	.21	.04	.02	.00	.00	.00	.209	22	.70
2*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.02	.02	.01		.02	.02	.02	.03	.06	.05	.04	.03	.04	.016	22	.08
3	.04	.03	.02	.02	.04	.05	.06	.10	.13	.11						.13	.15	.19	.17	.13	.18	.13	.13	.11	.101	19	.25
4	.08	.17	.17	.12	.11	.10	.14	.22		.17	.12	.08	.05	.05		.05	.06	.10	.08	.06	.07	.09	.06	.04	.099	22	.29
5	.02	.01	.00	.00	.00	.00	.01	.03	.05	.04	.03	.02	.03	.03		.04	.06	.07	.06	.06	.05	.07	.07	.08	.036	23	.09
6	.09	.08	.06	.06	.06	.06	.07	.08	.11	.10	.11	.08	.05	.01		.04	.05	.08	.05	.05	.06	.03	.03	.06	.063	23	.12
7	.05	.05	.05	.04	.03	.02	.02	.05	.07	.06	.02	.02	.01	.01		.02	.02	.01	.01	.01	.01	.01	.01	.01	.026	23	.08
8*	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.03	.05	.06	.08	.09	.11	.06	.05	.026	23	.13
9*	.04	.04	.05	.04	.03	.02	.01	.02	.02	.04	.06	.04	.05	.07		.08	.11	.09	.08	.06	.04	.02	.01	.01	.044	23	.15
10	.00	.01	.01	.00	.00	.01	.01	.03	.05	.04	.03	.02	.02	.02		.02	.04	.05	.04	.04	.03	.03	.03	.02	.023	23	.06
11	.01	.01	.01	.01	.02	.01	.02	.05	.07	.05	.04					.02	.03	.05	.06	.05	.08	.08	.07	.05	.038	20	.11
12	.04	.03	.03	.02	.02	.01	.01	.03			.01	.02	.01	.01		.02	.03	.03	.03	.03	.02	.02	.02	.01	.022	21	.05
13	.01	.01	.00	.00	.00	.00	.01	.03	.04	.03	.03	.02	.02	.02		.03	.03	.04	.02	.02	.02	.02	.03	.05	.021	23	.05
14	.06	.04	.02	.01	.00	.01	.02	.03	.05	.04	.03	.03	.02	.02		.03	.04	.07	.05	.04	.04	.05	.07	.07	.036	23	.09
15*	.09	.06	.05	.04	.03	.03	.04	.06	.06		.03	.03	.02	.01		.01	.01	.01	.01	.01	.01	.02	.03	.04	.031	22	.10
16*	.02	.03	.03	.06	.07	.05	.03	.01	.01	.02	.03	.02	.02	.02		.02	.02	.04	.04	.04	.04	.03	.03	.03	.030	23	.09
17	.02	.02	.07	.06	.02	.02	.05	.12	.12	.14	.09	.10	.08	.07		.05	.07	.09	.09	.06	.07	.07	.07	.05	.068	23	.15
18	.05	.03	.02	.02	.02	.02	.05	.08	.11	.08	.07	.06	.06	.06		.06	.11	.13	.09	.08	.12	.22	.16	.15	.080	23	.25
19	.09	.14	.15	.14	.17	.17	.18	.18	.18	.17	.10	.07	.05	.04											.130	14	.21
20																											
21	.01	.00	.00	.00	.00	.00	.01	.04	.08	.09	.09	.09	.09	.09		.11	.08	.09	.08	.07	.07	.08	.08	.09	.058	23	.11
22*	.09	.06	.05	.05	.06	.06	.04	.07	.09	.08	.09	.10	.08	.05		.03	.05	.05	.06	.05	.05	.05	.04	.04	.060	23	.12
23*	.05	.04	.05	.05	.06	.06	.13	.12	.09	.11		.03	.03	.05		.05	.05	.05	.07	.09	.06	.03	.02	.00	.058	22	.15
24	.01	.00	.00	.00	.00	.00	.01	.02	.04	.03	.02	.02	.02	.02		.03	.05	.05	.05	.05	.05	.03	.02	.03	.023	23	.06
25	.02	.02	.05	.06	.05	.06	.05	.05	.06	.08	.10	.09	.08	.08		.09	.08	.09	.09	.09	.12	.13	.12	.13	.077	23	.14
26	.11	.10	.10	.06	.05	.04	.06	.09	.09	.08	.07	.06	.04	.03		.04	.06	.10	.09	.07	.09	.10	.10	.08	.072	23	.13
27	.07	.06	.03	.01	.01	.01	.03	.07	.12	.11	.05	.09	.10	.10		.10	.11	.13	.13	.14	.09	.09	.11	.07	.079	23	.16
28	.07	.06	.06	.05	.03	.03	.04	.07	.13	.08		.03	.03	.02		.03	.05	.13	.13	.28	.28	.41	.36	.10	.111	22	.48
29*	.11	.11	.23	.36	.17	.14	.16	.21	.22	.25	.22	.18	.08	.07		.08	.10	.09	.07	.08	.06	.04	.03	.03	.133	23	.49
30*	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	23	.02
31	.01	.01	.01	.01	.01	.01	.01	.02	.03	.02	.02			.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	21	.03
MEAN	.06	.06	.07	.06	.04	.04	.05	.07	.08	.08	.06	.05	.04	.04		.04	.06	.08	.07	.06	.06	.07	.06	.05	.059		
NO.	30	30	30	30	30	30	30	30	28	28	26	27	27	28		28	29	29	29	29	29	29	29	29		664	
MAX	.51	.62	.65	.45	.25	.18	.20	.22	.22	.25	.22	.18	.10	.10		.13	.15	.26	.21	.28	.28	.41	.36	.15	.209		.70

* Indicates Saturday or Sunday

Local standard time used

Table 3-39. JANUARY, 1963. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	DAILY MAX
1	.01	.01	.00	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01		.02	.01	.02	.01	.01	.01	.01	.01	.01	.009	23	.02
2	.00	.00	.00	.00	.00	.00	.01	.02	.04	.04	.03	.03	.03	.03		.05	.07	.09	.09	.06	.05	.06	.08	.07	.036	23	.12
3	.06	.05	.04	.03	.05	.03	.05	.11	.17	.19	.11	.07	.06	.05		.05	.10	.14	.12	.11	.10	.10	.13	.13	.089	23	.22
4	.12	.13	.10	.07	.05	.02	.02	.05	.08	.09	.06	.03	.02	.02				.07	.09	.06	.06	.05	.05	.05	.061	21	.14
5*	.04	.04	.04	.04	.04	.05	.07	.09	.09	.09	.08	.07	.06	.05		.04	.05	.11	.08	.12	.11	.25	.12	.07	.078	23	.34
6*	.08	.09	.10	.10	.12	.07	.05	.05	.05	.03	.03	.03	.03	.04		.07	.09	.08	.09	.09	.10	.12	.11	.12	.075	23	.14
7		.27	.22	.10	.09	.09	.11	.29	.37	.51	.24	.19	.18	.21			.05	.05	.04	.05	.04	.04	.06	.06	.154	21	.60
8	.06	.03	.03	.05	.05	.05	.05	.14	.11	.12	.09	.07	.05	.04		.03	.07	.09	.13	.13	.10	.08	.08	.09	.074	23	.19
9	.07	.08	.05	.04	.05	.07	.12	.14	.22	.16	.08	.07	.10	.06		.06	.06	.08	.08	.08	.12	.13	.13	.14	.094	23	.24
10	.13	.11	.23	.16	.23	.35	.44	.19	.20	.16	.11	.08	.05			.07	.09	.09	.12	.10	.13	.25	.26	.28	.173	22	.52
11	.23	.56	.48	.34	.27	.29	.57	.84	.77	.23	.09	.06	.06	.06											.345	14	1.12
12*										.07	.08	.08	.06	.03		.05	.07	.06	.09	.09	.08	.08	.05	.05	.066	14	.11
13*	.05	.04	.03	.05	.05	.04	.04	.05	.06	.06	.07	.05	.04	.03		.03	.02	.02	.01	.01	.01	.01	.01	.01	.034	23	.08
14	.00	.00	.00	.00	.00	.00	.02	.04	.06	.04	.03	.02	.02	.02		.02	.03	.04	.03	.03	.04	.05	.07	.06	.026	23	.07
15	.06	.08	.06	.06	.09	.08	.09	.10	.11	.11	.08	.05	.03	.04		.04	.04	.06	.08	.07	.06	.08	.10	.08	.071	23	.12
16	.08	.06	.03	.02	.01	.01	.02	.08	.15	.15	.12	.11	.09	.07		.06	.07	.08	.10	.05	.04	.03	.08	.06	.066	23	.18
17	.05	.08	.07	.10	.09	.09	.07	.12	.11				.05	.06				.02	.03	.02	.01	.05	.15	.16	.074	18	.30
18	.23	.18	.06	.03	.05	.08	.12	.21	.31	.25	.25	.27	.24	.22		.22	.26	.26	.31	.30	.19	.16	.17	.13	.195	23	.38
19*	.13	.06	.05	.04	.02	.02	.02	.04	.07	.09	.08	.08	.09	.05		.04	.05	.06	.06	.06	.06	.05	.05	.10	.058	23	.15
20*	.10	.09	.09	.08	.08	.06	.05	.10	.10	.10	.05	.05	.04	.05			.09	.16	.21	.32	.37	.20	.08	.03	.113	22	.44
21	.01	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01		.02	.02	.03	.02	.01	.02	.02	.01	.01	.012	23	.03
22	.02	.01	.00	.00	.01	.01	.03	.05	.04	.06	.04	.02	.03	.02		.02	.02	.03	.03	.02	.03	.03	.01	.01	.023	23	.07
23	.01	.00	.00	.01	.00	.00	.00	.03	.04	.01	.04	.02	.04	.05		.05	.09	.10	.10	.08	.03	.00	.00	.00	.030	23	.13
24																											
25				.00	.00	.00	.00	.01	.02	.01	.01	.01	.01	.01			.03	.03	.03	.03	.04	.05	.05	.04	.020	19	.07
26*	.06	.05	.05	.03	.02	.01	.01	.03	.07	.07	.05	.03	.02	.02		.01	.03	.04	.05	.03	.03	.03	.04	.05	.035	23	.09
27*	.05	.06	.04	.03	.03	.04	.06	.05	.06	.05		.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.027	22	.06
28	.01	.01	.01	.01	.01	.02	.02	.04	.05	.04	.04	.04	.04	.04	.03	.04									.027	16	.05
29																											
30	.02	.06	.04	.05	.07	.06	.05		.15	.11	.11	.13	.13	.14		.22	.25	.30	.24	.18	.17	.15	.07	.06	.125	22	.32
31	.06	.05	.05	.03	.02	.02	.01	.04	.08	.07	.04	.03	.02	.02		.03	.05	.06	.10	.12	.12	.10	.08	.10	.056	23	.16
MEAN	.07	.08	.07	.05	.05	.06	.07	.11	.13	.10	.07	.06	.06	.05		.05	.07	.08	.09	.08	.08	.08	.08	.07	.074		
NO	26	27	27	28	28	28	28	27	28	28	27	28	29	28	1	23	25	27	27	27	27	27	27	27		625	
MAX	.23	.56	.48	.34	.27	.35	.57	.84	.77	.51	.25	.27	.24	.22	.03	.22	.26	.30	.31	.32	.37	.25	.26	.28	.345		1.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-40. FEBRUARY, 1963, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1	.05	.03	.02	.01	.04	.07	.08	.14	.19	.15	.16	.17	.15	.15		.10	.09	.13	.09	.05	.07	.06	.05	.06	.091	23	.21
2*	.05	.06	.05	.06	.05	.05	.06	.08	.10	.13			.16	.20				.11	.06	.07	.08	.08			.085	17	.26
3*																											
4											.08	.05	.03	.02		.02	.03	.05	.07	.06	.04	.02	.01	.04	.039	13	.11
5	.02	.01	.02	.02	.06	.11	.14	.20	.21	.11	.04	.03	.03	.02				.05	.06	.15	.13	.11	.12	.21	.087	21	.25
6	.20	.17	.15	.25	.38	.34	.35	.74	.77	.68	.42	.17		.07				.14	.22	.68	1.51	1.43	1.48	1.30	.572	20	1.72
7	1.11	.89	.19	.13	.14	.30	.51	.80	1.06	.47	.19	.14	.11	.10		.07	.07	.08	.06	.04	.02	.01	.01	.01	.282	23	1.39
8	.00	.00	.00	.00	.00	.00	.01	.02	.03	.03	.02	.02	.02	.03		.03	.03	.05	.04	.04	.03	.02	.01	.02	.019	23	.06
9*	.01	.01	.01	.01	.01	.02	.02	.03	.04	.06	.08	.09	.12	.05		.02	.05	.07	.05	.03	.03	.03	.02	.03	.039	23	.22
10*																											
11																											
12	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.02		.01	.02	.01	.01	.00	.00	.00	.00	.00	.010	23	.03
13	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02		.02	.03	.02	.02	.02	.03	.04	.03	.02	.014	23	.04
14																											
15																											
16*																											
17*																											
18																											
19	.08	.10	.11	.09	.07	.09	.15	.10	.23	.34	.36	.19	.13	.12		.08	.08	.06	.06	.06	.05	.03	.03	.02	.113	23	.49
20	.01	.01	.01	.01	.01	.01	.04	.08	.09	.12	.08	.05	.03	.02			.04	.06	.17	.17	.18	.11	.11	.15	.071	22	.20
21																											
22																											
23*																											
24*																											
25																											
26																											
27																											
28																											
MEAN																											
NO.	11	11	11	11	11	11	11	11	11	11	11	11	11	12		8	9	12	12	12	12	12	11	11		254	
MAX	1.11	.89	.19	.25	.38	.34	.51	.80	1.06	.68	.42	.19	.16	.20		.10	.09	.14	.22	.68	1.51	1.43	1.48	1.30	.572		1.72

* Indicates Saturday or Sunday
Local standard time used

Table 3-41. MARCH, 1963. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1																											
2*	.04	.04	.04	.03	.02	.02	.01	.01	.02			.02	.01	.01		.01	.01			.04	.09	.11	.14	.09	.040	19	.18
3*	.06	.05	.04	.01	.01	.01	.01	.02	.03	.03	.01	.04	.02	.01		.02	.03	.04	.07	.07	.09	.13	.19	.17	.049	23	.22
4	.17	.11	.09	.04	.08	.08	.08	.17	.20	.12	.05	.03	.03	.04			.21	.39	.34	.38	.37	.25	.24	.33	.173	22	.55
5	.20	.12	.10	.06	.04	.04	.05	.08	.13	.11	.08	.06	.05	.05		.05	.08	.08	.05	.03	.05	.05	.03	.02	.068	23	.25
6																											
7																											
8	.03	.03	.04	.05	.10	.09	.10	.12	.12	.08	.05	.06	.06	.03		.01	.01	.02	.02	.08	.29	.16	.11	.09	.075	23	.39
9*	.12	.07	.05	.14	.25	.12	.08	.13	.12		.07	.05	.04	.03			.07	.10	.06	.03	.03	.01	.01	.01	.075	21	.27
10*																											
11																											
12																											
13																											
14																											
15																											
16*																											
17*																											
18																											
19																											
20																											
21																											
22																											
23*	.04	.04	.04	.04					.01	.00	.00	.02	.00	.00		.01	.01	.03	.03	.03	.03	.04	.05	.04	.020	15	.25
24*	.07	.11	.56	.81	.62	.47	.43	.29	.08	.01	.00	.00	.00	.00			.01	.02	.05	.08	.09	.10	.06	.08	.040	16	.12
25											.00	.04	.00												.268	13	.90
26																											
27	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00			.01		.00	.00	.00	.00	.01	.01	.03	.05	.05	.008	21	.06
28	.04	.02	.03	.03	.01	.02	.03	.06	.04	.03	.01	.00	.00	.00	.00	.00	.00	.00	.01	.04	.11	.00	.02	.01	.021	24	.18
29	.02	.00	.00	.00	.00	.00	.00	.03	.07	.03	.02		.00	.02		.00	.01	.02	.00	.00	.00	.00	.00	.00	.009	23	.08
30*																											
31*																											
MEAN																											
NO.	11	11	11	11	10	10	10	10	11	9	11	11	11	11	1	8	11	10	10	11	11	11	11	11		243	
MAX	.20	.12	.56	.81	.62	.47	.43	.29	.20	.12	.08	.06	.06	.05	.00	.05	.21	.39	.34	.38	.37	.25	.24	.33	.268		.90

* Indicates Saturday or Sunday

Local standard time used

Table 3-42. APRIL, 1963, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5-MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.00	.00	.00	.00	.00	.01	.02	.05	.05	.05	.09	.03	.00	.01			.00	.00	.01	.00	.00	.00	.01	.01	.014	22	.17
2	.01	.01	.02	.03	.02												.00	.00	.00	.00	.02	.02	.02	.02	.012	13	.04
3																											
4											.00	.00	.00	.00		.00	.00	.01	.01	.00	.00	.00	.00	.00	.001	13	.01
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01		.00	.00	.01	.01	.03	.07	.19	.22	.18	.033	23	.31
6*	.08	.04	.04	.06	.09	.03	.08	.05	.01	.01	.00	.00	.00	.00		.00	.00	.01	.01	.00	.00	.00	.00	.01	.022	23	.11
7*	.05	.04	.07	.04	.05	.04	.04	.02	.01	.01	.01	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.017	22	.08
8	.00	.00	.00	.00	.00										.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.002	15	.03
9	.00	.00	.00	.00	.00	.00	.00	.04	.04							.00	.00	.01	.02	.02	.00				.008	15	.05
10																											
11																											
12	.03	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00	.00	.02	.00	.01	.02	.010	23	.04
13*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.02
14*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.00	.001	23	.01
15	.00	.00	.00	.01	.01	.01	.02	.02	.03	.02	.02	.01				.00	.01	.01	.01	.01	.02	.02	.02	.01	.012	21	.03
16	.01	.00	.00	.00	.00	.00	.02	.03	.03	.02	.01	.00	.00	.00		.00	.00	.01	.01	.02	.01	.01	.01	.00	.008	23	.04
17	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00		.02	.01		.00	.01	.01	.01	.00	.00	.01	.01	.02	.006	22	.03
18	.02	.01	.02	.01	.01	.02	.04	.06	.08	.05	.01	.01	.01	.01		.00	.00	.00	.01	.05	.04	.03	.04	.02	.024	23	.09
19	.02	.00	.00	.00	.01	.02	.04	.04	.06	.05	.04					.01	.01	.03	.02	.01	.02	.04	.05	.02	.024	20	.11
20*	.05	.06	.02	.02	.02	.00	.00	.00	.00	.00	.00	.01	.00	.00			.00	.00	.00	.00	.03	.05	.04	.05	.016	22	.07
21*	.04	.02	.00	.00	.00	.05	.11	.03	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.03	.02	.01	.015	23	.14
22																											
23																											
24																											
25																											
26																											
27*																											
28*	.08	.05	.02	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00				.01	.00	.00	.00	.00	.00	.00	.009	21	.11
29	.02	.01	.02	.03	.02	.05	.10	.08	.06	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.017	23	.11
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.01	.02	.02	.00	.002	20	.04
MEAN	.02	.01	.01	.01	.01	.01	.03	.03	.02	.01	.01	.00					.00	.00	.00	.01	.01	.02	.02	.02	.013		
NO.	20	20	20	20	20	18	18	18	18	17	18	16	15	14	1	15	20	21	21	21	21	20	20	20		432	
MAX	.08	.06	.07	.06	.09	.05	.11	.08	.08	.05	.09	.03	.02	.01	.00	.01	.01	.03	.02	.05	.07	.19	.22	.18	.033		.31

* Indicates Saturday or Sunday

Local standard time used

Table 3-43 MAY, 1963. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01										.00	.00	.00	.00	.00	.002	15	.01
2	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00			.01	.02	.02	.02	.04	.06	.05	.04	.01	.012	22	.07
3	.01	.01	.02	.02	.04	.07	.05	.03	.03	.00							.00	.00	.00	.00	.00	.01	.02	.04	.019	18	.09
4*	.01			.00	.00	.00	.00	.00	.00								.01	.01	.00	.00	.00	.01	.01	.02	.004	15	.04
5*	.02	.03	.04	.04	.02	.01	.00	.01	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.01	.00	.00	.00	.009	23	.04
6	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.01	.01					.00	.00	.00	.00	.00	.00	.00	.00	.003	20	.02
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
9	.00	.00	.00	.00	.00	.00	.00	.00	.00				.02	.01		.00	.00	.00	.00	.00	.00	.00	.01	.01	.002	20	.02
10	.01	.02	.02	.02	.03	.00	.00	.00	.01	.02	.02	.03	.02	.03											.016	14	.05
11*																											
12*																											
13																											
14	.00	.01	.01	.02	.02	.03	.03	.05	.04		.01	.02	.03	.02		.02	.02	.02	.03	.05	.03	.01	.00	.00	.021	22	.08
15	.00	.00	.00	.00	.00	.01	.03	.03	.02								.05	.03	.02	.02	.03	.04	.05	.03	.021	17	.07
16	.03	.12	.07	.04						.01	.01	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.018	18	.17
17	.03	.04	.03	.02	.03	.04	.02	.01	.01	.00	.01	.01	.01	.00			.00	.00	.00	.01	.02	.02	.00	.00	.013	22	.06
18*	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01		.00	.01	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.004	22	.04
19*	.02	.03	.02	.03	.03	.02	.04	.04	.04	.04	.01	.00	.00	.00		.00	.00	.01	.01	.01	.01	.01	.01		.017	22	.05
20																											
21	.10	.06	.04	.03	.01	.03	.11	.13	.11	.05	.06	.03	.04	.01		.01	.02	.02	.01	.01	.01	.01	.02	.03	.042	23	.16
22	.04	.01	.01	.01	.01	.02	.03	.04	.03	.03	.03					.00	.01	.00	.00	.01	.02	.01	.01	.01	.015	20	.04
23	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.01	.01	.02					.02	.02	.04	.03	.02	.02	.02	.013	20	.05
24	.03	.03									.02	.02	.02	.02		.01	.02	.01	.01	.01	.04	.04	.02	.01	.020	15	.05
25*	.01	.00	.00	.00	.01	.09	.05	.05	.04	.04	.03	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.014	23	.10
26*	.00	.01	.00	.00	.00	.00	.01	.01	.01	.02	.04	.03	.02	.02		.01	.01	.01	.02	.03	.03	.02	.04	.04	.016	23	.05
27	.03	.03	.02	.02	.03	.06	.08	.09	.05	.02	.02	.02	.01	.01		.00	.01	.00	.01	.01	.02	.01	.01	.01	.025	23	.11
28	.02	.01	.01	.01	.00	.01	.04	.05	.04	.02	.01	.01	.02	.03		.03	.05	.03	.02	.02	.02	.02	.04	.04	.023	23	.06
29	.04	.01	.01	.02	.01	.03	.06	.06	.05	.04	.03	.04	.04	.03		.04	.06	.04	.03	.04	.05	.05	.04	.04	.037	23	.08
30	.02	.02	.01	.01	.00	.00										.00	.00	.00	.00	.01	.03	.04	.03	.02	.012	15	.05
31	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.02	.01	.02	.01			.01	.00	.00	.00	.00	.00	.00	.00	.005	22	.03
MEAN	.02	.02	.01	.01	.01	.02	.02	.03	.02	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.014		
NO.	27	26	25	26	25	25	24	24	24	21	20	20	20	18		18	24	25	25	26	26	26	26	25		546	
MAX	.10	.12	.07	.04	.04	.09	.11	.13	.11	.05	.06	.04	.04	.03		.04	.06	.04	.03	.05	.06	.05	.05	.04	.042		.17

* Indicates Saturday or Sunday

Local standard time used

Table 3-44. JUNE, 1963. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS.	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.00	.06	.10	.17	.15	.12	.07	.03	.02	.01	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.032	23	.18
2*	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.00		.01	.00	.00	.00	.00	.01	.01	.02	.03	.005	23	.03
3	.01	.01	.01	.01	.01	.02	.04	.05	.04	.03	.02	.02	.03	.03		.05	.05	.04	.03	.03	.02	.02	.02	.01	.025	23	.06
4	.01	.01	.01	.01	.01	.01	.05	.08	.04	.01	.00	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.01	.012	23	.09
5	.00	.01	.01	.01	.01	.02	.03	.03	.03	.03	.02			.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.009	21	.08
6	.00	.00	.00	.01	.00	.00	.01	.01	.00	.00	.00	.00	.01	.01			.00	.00	.00	.00	.00	.00	.01	.01	.003	22	.03
7	.00	.00	.00	.01	.01	.01	.04	.04	.03	.01	.00	.01	.01												.011	13	.05
8*																											
9*																											
10																											
11																											
12	.00	.00	.00	.00	.00	.00	.00	.01			.00	.00	.00	.00			.01	.00	.00						.001	15	.01
13																											
14	.03	.02	.03	.03	.03	.03	.02	.03	.03	.04	.04	.03	.02	.01		.01	.01	.00	.00	.00	.00	.01	.00	.00	.017	23	.05
15*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.01	.03	.03	.004	23	.04
16*	.06	.05	.04	.03	.03	.02	.02	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.01	.00	.01	.01	.012	23	.07
17	.00	.00	.02	.01	.02	.07	.09							.00			.00	.00	.00	.00	.00	.01	.02	.02	.017	16	.11
18	.05	.02	.03	.06	.05	.08	.06	.04	.02	.01	.00	.00	.01	.01		.01	.01	.01	.01	.02	.00	.00	.03	.04	.024	23	.10
19	.05	.06	.08	.08	.08	.05	.05	.04	.01	.00	.00	.00	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.023	22	.10
20	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00			.01	.01		.01	.00	.00	.00	.00	.00	.00	.01	.02	.004	21	.02
21	.01	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.01		.01	.02	.01	.01	.02	.03				.009	20	.04
22*				.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.01	.01	.005	19	.02
23*	.03	.02	.03	.03	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00			.00	.00	.00	.02	.13	.13	.07	.04	.026	22	.18
24	.03	.02	.02	.04	.06	.09	.07	.07	.06	.06	.02	.02	.02	.02		.01	.01	.00	.00	.01	.02	.03	.04	.05	.033	23	.11
25	.16	.16	.10	.05	.06	.05	.09	.08	.04	.02	.01	.01	.01	.01		.00	.00	.00	.00	.01	.02	.03	.02	.04	.042	23	.23
26	.04	.06	.05	.03	.02	.04	.06	.07	.03	.01	.00	.00	.01	.00			.00	.00	.01	.00	.00	.00	.00	.00	.018	22	.09
27	.00	.00	.00	.00	.01	.02	.03	.02	.01	.00			.02	.02	.02	.01	.01	.01	.01	.01	.02	.02	.01	.00	.011	22	.03
28																											
29*																											
30*																											
MEAN	.02	.02	.02	.03	.03	.03	.04	.03	.02	.01	.01	.01	.01	.01			.01	.00	.00	.01	.01	.01	.02	.02	.016		
NO	21	21	21	22	22	22	22	21	20	20	19	18	20	21	1	14	21	21	21	20	20	19	19	19		465	
MAX	.16	.16	.10	.17	.15	.12	.09	.08	.06	.06	.04	.03	.03	.03	.02	.05	.05	.04	.03	.03	.13	.13	.07	.05	.042		.23

* Indicates Saturday or Sunday

Local standard time used

Table 3-45. JULY, 1963, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	[illegible]	[illegible]	[illegible]
1																											
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*																											
22																											
23	.01	.01	.03	.04	.03	.05	.06	.05	.02	.03	.04	.01	.02	.02		.01	.01	.01	.00	.00	.00	.00	.00	.01	.020	23	.07
24	.00	.00	.01	.02	.00	.04	.02	.02	.00	.00	.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.00	.01	.01	.006	23	.05
25	.01	.03	.04	.03	.03	.05	.07	.04	.01	.01	.01	.00	.00	.00		.03	.19	.02	.01	.00	.00	.00	.01	.05	.028	23	.29
26	.02	.01	.00	.00	.00	.01	.01	.01	.01		.01	.00	.00	.00		.00	.01	.01	.01	.08	.19	.16	.07	.03	.029	22	.21
27*	.02	.01	.01	.01	.02	.03	.04	.03	.03	.01	.01	.00	.00	.00		.00	.00	.00	.01	.01	.01	.02	.02	.03	.013	23	.06
28*	.04	.06	.05	.04	.04	.03	.02	.02	.02	.01	.01	.01	.00	.00		.00	.00	.01	.00	.01	.03	.03	.02	.03	.020	23	.08
29	.02	.02	.02	.03	.04	.04	.03	.03	.03	.04	.03	.01	.00	.00		.00	.00	.00	.00	.00	.00	.04	.02	.01	.018	23	.06
30	.02	.02	.01	.01	.01	.02	.03	.03	.02	.01	.01	.01		.01		.01	.01	.01	.01	.01	.02	.03	.10	.08	.022	22	.16
31	.02	.01	.01	.01	.01	.02	.04	.06	.07		.04	.02	.01	.00											.025	13	.08
MEAN																											
NO.	9	9	9	9	9	9	9	9	9	7	9	9	8	9		8	8	8	8	8	8	8	8	8		195	
MAX	.04	.06	.05	.04	.04	.05	.07	.06	.07	.04	.04	.02	.02	.02		.03	.19	.02	.01	.08	.19	.16	.10	.08	.029		.29

* Indicates Saturday or Sunday

Local standard time used

Table 3-46. AUGUST, 1963, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2	.06	.03	.02	.02	.03	.04	.07	.07	.05	.04	.03	.03	.03	.03		.04	.04	.03	.03	.04	.05	.05	.06	.08	.041	23	.09
3*	.10	.07	.06	.07	.07	.11	.14	.07	.06	.04	.02		.01	.01		.01	.00	.00	.01	.01	.01	.02	.05	.02	.043	22	.16
4*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.05
5	.01	.01	.01	.01	.01	.01	.03	.03	.02	.01	.01	.01	.01	.01		.01	.02	.02	.01	.04	.05	.07	.09	.08	.024	23	.11
6																											
7	.02	.02	.01	.02	.02	.04	.05	.02	.06	.02		.00	.00	.00		.01	.02	.01	.00	.01	.07	.07	.07	.07	.028	22	.10
8	.02	.01	.00	.02	.05	.07	.09	.13	.06	.01	.00					.00	.01	.00	.00	.00	.02	.03	.00	.02	.027	20	.14
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16																											
17*																											
18*																											
19	.01	.03	.03	.00	.02	.01	.00	.00	.00	.00						.00	.00	.00	.00	.00	.01	.02	.05	.02	.009	19	.07
20		.00	.00	.00	.02	.07	.13	.16	.10	.06	.02	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.025	23	.17
21	.00	.00	.00	.00	.00	.00	.05	.03	.02																		
22	.02	.00	.01	.01	.01	.01	.07	.05	.02	.01	.00	.00	.00	.00		.00	.07	.19	.25	.10	.05	.05	.05	.05	.051	18	.27
23																			.00	.00	.00	.00	.00	.00	.010	20	.07
24*											.00	.00	.00	.00		.00	.00	.02	.01	.00	.00	.00	.00	.00			
25*	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.02	.03	.04	.08	.06	.002	13	.03
26	.10	.19	.07	.04	.05	.06	.11	.13	.13	.06	.06	.02	.01	.00										.02	.011	23	.09
27																									.069	15	.24
28																											
29																											
30	.03	.02	.06	.08	.09	.09	.13	.14	.06	.05	.02	.01	.00	.00		.00	.00		.00	.00	.01	.01	.02	.01	.036	22	.16
31*																											
MEAN																											
NO.	12	13	13	13	13	13	13	13	13	12	11	10	11	12		11	12	12	13	13	13	13	13	14		286	
MAX	.10	.19	.07	.08	.09	.11	.14	.16	.13	.06	.06	.03	.03	.03		.04	.07	.19	.25	.10	.07	.07	.09	.08	.069		.27

* Indicates Saturday or Sunday

Local standard time used

Table 3-47 SEPTEMBER, 1963, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*										.00	.00	.00	.00	.00		.00	.00	.00	.00	.03	.08	.19	.31	.25	.061	14	.39
2	.17	.19	.11	.07	.10	.12	.11	.08	.04	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.043	23	.24
3	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.000	20	.01
4	.00	.00	.00	.00	.00	.01	.05	.03	.01	.00	.00					.00	.01	.01	.00	.00	.00	.00	.00	.00	.006	20	.06
5	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.03	.02				.01	.02	.01	.00	.00	.00	.02	.02	.00	.010	21	.05
6	.00							.02	.03	.02	.01	.01	.00	.01		.02	.04	.03	.03	.02	.02	.03	.05	.07	.023	17	.09
7*																											
8*																											
9	.01	.03	.07	.09	.09	.18	.26	.23	.05												.05	.09	.10	.09	.103	13	.32
10	.17	.15	.21	.17	.13	.13	.19	.17	.06		.00	.00	.00	.00		.01	.02	.01	.02	.02	.02	.02	.02	.01	.069	22	.24
11	.02	.01	.00	.00	.00	.03	.09	.12	.08	.07	.02	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.019	23	.14
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00		.00		.00	.02	.01	.01	.00	.00	.00	.04	.03	.006	22	.05
13	.01	.01	.01	.01	.02	.02	.04			.01	.01	.00	.00		.00	.01	.02	.00	.00	.01	.01	.01	.01	.02	.011	21	.05
14*	.01	.00	.00	.00	.00	.01	.02	.03	.02	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.02	.02	.04	.01	.009	23	.05
15*	.01	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.01	.02	.02		.00	.03	.03	.02	.02	.02	.02	.01	.01	.010	23	.03
16	.01	.00	.00	.00	.00	.00	.02	.05	.04	.05	.04	.03	.04	.03		.02	.05	.04	.04	.03	.04	.06	.07	.05	.030	23	.08
17	.02	.00	.00	.00	.00	.01	.04	.05	.04	.03	.03	.03	.02	.03		.02	.06	.03	.02	.02	.02	.01	.01	.01	.021	23	.08
18	.00	.00	.00	.00	.00	.01	.03	.05	.04	.03	.03	.01	.00	.02		.05	.08	.06	.06	.08	.07	.08	.08	.08	.037	23	.12
19	.08	.07	.05	.03	.04	.06	.10	.10	.06	.01	.01	.00	.00	.01		.00	.01	.01	.01	.02	.04	.05	.07	.05	.038	23	.13
20	.06	.04	.04	.04	.04	.06	.11	.11	.06	.01	.01		.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.01	.027	22	.13
21*	.00	.00	.00	.00	.00	.01	.01	.00	.00				.03	.03		.02	.03	.01	.02	.03	.03	.02	.01	.01	.013	20	.04
22*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.02	.02	.01	.02	.03	.04	.04	.03	.02	.015	23	.05
23	.02	.02	.02	.03	.02	.04	.07	.08	.07	.04	.04	.03	.05												.040	13	.09
24																											
25			.09	.13	.15	.16	.27	.35	.17	.06	.04	.02			.02	.01	.00	.00	.01	.00	.01	.00	.00	.02	.075	20	.40
26	.04	.03	.06	.12	.10	.14	.23	.20	.10	.10		.02	.01	.00		.01	.01	.02	.03	.03	.04	.07	.09	.06	.068	22	.26
27	.05	.06	.06	.05	.02	.04	.06	.13	.07	.01	.00	.00	.00	.00		.00	.00	.00	.08	.04	.07	.05	.07	.05	.039	23	.15
28*																											
29*																											
30	.00	.00	.00	.00	.00	.00	.03	.05	.02	.01	.00	.00	.00	.00		.00	.01	.03	.04	.05	.05	.05	.06	.04	.018	23	.08
MEAN	.03	.03	.03	.03	.03	.04	.08	.08	.04	.02	.01	.01	.01	.01		.01	.02	.01	.02	.02	.02	.03	.05	.04	.030		
NO	23	22	23	23	23	23	23	23	23	22	22	21	20	18	3	22	22	22	23	23	24	24	24	24		520	
MAX	.17	.19	.21	.17	.15	.18	.27	.35	.17	.10	.04	.03	.05	.03	.02	.05	.08	.06	.08	.08	.08	.19	.31	.25	.103		.40

* Indicates Saturday or Sunday

Local standard time used

Table 3-48. OCTOBER, 1963, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.05	.03	.08	.07	.08	.11	.25	.24	.17	.06	.02	.01		.00			.00	.01	.03	.05	.05	.05	.05	.07	.069	21	.36
2	.09	.09	.06	.06	.06	.06	.13							.00		.00	.01	.00	.03	.01	.04	.03	.01	.00	.037	17	.17
3	.00	.00	.00	.00	.03	.05	.10				.05	.03	.00	.00		.01	.05	.04	.04	.03	.04				.027	17	.12
4							.06	.05	.02	.01	.01	.01	.00	.01		.02	.03	.05	.05	.02	.03	.03	.05	.04	.028	17	.08
5*	.03	.04	.04	.08	.09					.04	.02	.02	.01	.00	.02		.01	.03	.04	.05	.06	.05	.05	.05	.037	19	.10
6*	.05	.04	.05	.04	.04	.05	.07	.06	.03	.02	.01	.01	.01	.01		.01	.00	.01	.07	.06	.09	.10	.08	.06	.041	23	.13
7	.07	.07	.07	.07	.07	.10	.15	.12	.11	.09	.09		.03		.03	.01	.00	.02	.05	.06	.03	.07	.08	.09	.066	22	.16
8	.07	.04										.00	.00	.01		.05	.05	.04	.04	.04	.02	.03	.04	.03	.032	14	.08
9	.00	.00	.00	.00	.00	.01	.06	.09	.05	.02	.02	.01	.01		.01										.019	14	.12
10																											
11																											
12*																											
13*																											
14		.01	.12	.15	.14	.24	.42	.18	.12	.05	.01	.01	.01	.00		.01	.00	.02	.03	.03	.02	.01	.01	.02	.072	22	.53
15																											
16																											
17																											
18	.00	.00	.00	.03	.00	.00	.06	.18	.18	.14	.11	.04	.00	.00		.06	.04	.00	.20	.63	.07	.00	.04	.05	.079	23	.80
19*	.18	.40	.41	.34	.30	.15	.31	.33	.28	.18		.00									.02	.08	.23	.43	.241	15	.62
20*																											
21																											
22																											
23																											
24																											
25	.07	.06	.10	.16	.28	.39	.53	.70			.05	.01	.01	.00		.01	.01	.00	.00	.01	.00	.03	.03	.03	.118	21	.78
26*	.03	.01	.03	.02	.00	.00	.00	.00	.02	.01	.01	.00	.02	.00		.02	.03	.05	.08	.11	.13	.11	.13	.13	.040	23	.14
27*	.13	.11	.09	.10	.10	.09	.10	.12	.12	.07		.02	.01	.01		.01	.02	.02	.03	.05	.05	.07	.09	.10	.068	22	.15
28	.11	.16	.10	.03	.02	.02	.02	.04	.07	.10	.09	.06	.05	.04		.04	.06	.07	.05	.04	.04	.03	.04	.03	.057	23	.18
29	.03	.02	.02	.01	.02	.02	.04	.05	.07	.05	.04	.03	.02	.01		.02	.03	.03	.02	.01	.01	.01	.01	.01	.025	23	.09
30	.01	.00	.00	.00	.00	.01	.02	.02				.02	.02	.02		.02	.04	.05	.06	.06	.06	.07	.07	.07	.031	20	.07
31	.07	.07	.07	.07	.07	.09	.09							.00		.02	.03	.04	.06	.09	.11	.04	.02	.01	.056	17	.15
MEAN	.06	.06	.07	.07	.08	.09	.14					.02		.01			.02	.03	.05	.08	.05	.05	.06	.07	.060		
NO.	17	18	17	17	17	16	17	14	12	13	13	16	15	16	3	15	17	17	17	17	18	17	17	17		373	
MAX	.18	.40	.41	.34	.30	.39	.53	.70	.28	.18	.11	.06	.05	.04	.03	.06	.06	.07	.20	.63	.13	.11	.23	.43	.241		.80

* Indicates Saturday or Sunday

Local standard time used

Table 3-49. NOVEMBER, 1963. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF OBS.	DAILY MAX
1	.01	.01	.01	.01	.01	.04	.05	.04			.04		.08	.07			.07	.09	.08	.06	.05	.05	.06	.04	.045	19	.10
2*	.04	.03	.02	.02	.01	.01	.02	.03	.04	.03	.03	.03	.02	.02		.01	.02	.03	.03	.03	.03	.02	.02	.02	.024	23	.05
3*	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01		.01	.02	.04	.03	.05	.05	.06	.07	.07	.021	23	.07
4	.06	.07	.07	.06	.03	.04	.10	.15	.17	.13	.07	.07	.05			.02	.03	.07	.05	.05	.06	.07	.08	.05	.068	22	.18
5	.04	.02	.01	.01	.02	.02	.06	.05	.05	.03	.02	.02	.01		.02	.03	.03	.02	.02	.02	.02	.01	.02	.01	.024	23	.07
6																											
7																											
8	.03	.03	.02	.02	.02	.02	.02	.04	.04	.03			.02	.02		.03	.05	.05	.04	.04	.04	.04	.04	.03	.031	21	.06
9*	.03	.03	.02	.02	.01	.01	.02	.02	.03	.03	.02	.02	.02	.02		.02	.03	.04	.06	.07	.11	.17	.19	.17	.050	23	.28
10*	.23	.15	.12	.07	.07	.06	.06	.06	.05	.03	.02	.02	.02	.02		.01	.02	.02	.05	.04	.05	.05	.03	.02	.054	23	.31
11	.02	.02	.02	.01	.02	.01	.04	.06	.08	.06	.04	.03	.03	.03		.02	.06	.10	.10	.10	.35	.53	.50	.16	.103	23	.69
12	.11	.10	.08	.06	.05	.04	.06	.08	.08	.06	.03	.03		.02		.02	.03	.05	.05	.04	.03	.03	.04	.06	.051	22	.13
13	.05	.04	.04	.06	.07	.10	.14	.13	.17	.11	.08	.07	.07	.07		.03	.06	.10	.15	.13	.08	.11	.10	.12	.090	23	.19
14	.10	.07	.07	.06	.05	.07	.09	.13	.15	.12	.09	.09		.04		.04	.05	.07	.05	.04	.06	.05	.06	.06	.073	22	.16
15	.06	.05	.04	.03	.03	.04	.04	.08	.11	.07	.07	.07	.07	.08			.05	.06	.06	.05	.07	.08	.06	.06	.060	22	.13
16*	.06	.07	.06	.05	.05	.04						.02		.01		.00	.01	.03	.06		.09	.10	.08	.07	.048	16	.11
17*	.09	.11	.11	.13	.11	.10	.12	.20	.22	.16	.09		.01	.01		.00	.01	.02	.02	.02	.02	.03	.01	.05	.072	22	.23
18	.09	.10	.06	.08	.10	.11	.15	.22	.16	.18	.16	.12	.08	.04		.01	.04	.10	.10	.14	.09	.06	.08	.04	.099	23	.24
19	.02	.01	.01	.01	.01	.01	.01	.04	.07	.04	.02	.02	.02				.04	.08	.05	.04	.04	.03	.04	.02	.029	21	.10
20	.05	.04	.04	.04	.03	.06	.10	.18	.23	.15	.09		.03	.03		.02	.05	.07	.09	.05	.07	.08	.06	.04	.073	22	.30
21	.03	.03	.02	.01	.01	.01	.02	.05	.06	.05	.05						.07	.09	.10	.07	.09	.10	.13	.18	.060	19	.30
22	.41	.33	.35	.42	.41	.34	.43	.80	.83	.52	.18	.06	.02	.00		.03	.04	.05	.03	.02	.03	.03	.03	.02	.233	23	.98
23*	.02	.01	.01	.01	.00	.02	.01	.01	.01	.01	.01	.01	.01	.02		.01	.01	.01	.01	.02	.05	.03	.02	.02	.015	23	.07
24*	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01			.00		.01	.02	.03	.02	.02	.02	.04	.03	.02	.017	21	.04
25	.02	.01	.01	.01	.01	.01	.02	.06	.04	.03	.02	.02	.02	.02		.02	.04	.08	.14	.18	.19	.16	.16	.15	.061	23	.41
26	.12	.12	.12	.07	.08	.06	.10	.11	.14	.14	.09		.06	.08		.06	.07	.06	.06	.05	.04	.03	.02	.03	.077	22	.16
27	.03	.04	.05	.06	.06	.05					.11	.07	.03	.03			.05	.06	.08	.09	.11	.13	.15	.19	.077	18	.27
28	.36	.61	.51	.42	.33	.14	.09	.10	.09	.12	.12	.05	.04	.02			.04	.02	.02	.04	.04	.02	.02	.02	.146	22	.71
29	.01	.01	.01	.00	.00	.01	.01	.04	.05	.05	.05			.02			.06	.05	.04	.02	.03	.02	.02	.02	.024	20	.07
30*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01		.01	.02	.03	.03	.03	.02	.02	.02	.03	.015	22	.04
MEAN	.08	.08	.07	.06	.06	.05	.07	.10	.12	.08	.06	.04	.03	.03		.02	.04	.05	.06	.06	.07	.08	.07	.06	.063		
NO	28	28	28	28	28	28	26	26	25	25	25	20	22	24	1	21	28	28	28	27	28	28	28	28		606	
MAX	.41	.61	.51	.42	.41	.34	.43	.80	.83	.52	.18	.12	.08	.08	.02	.06	.07	.10	.15	.18	.35	.53	.50	.19	.233		.98

* Indicates Saturday or Sunday

Local standard time used

Table 3-50. DECEMBER, 1963, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*	.02	.02	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01		.02	.02	.02	.03	.04	.05	.06	.06	.06	.024	23	.08
2	.06	.07	.06	.04	.05	.07	.08	.15	.15	.08	.06	.03		.05		.04	.06	.09	.06	.05	.05	.04	.03	.05	.064	22	.20
3	.08	.07	.06	.06	.09	.12	.17	.21	.21	.15	.12	.11	.09	.10		.08	.09	.10	.09	.09	.07	.06	.05	.04	.100	23	.23
4	.04	.03	.01	.01	.01	.01	.02	.05	.07	.04			.03	.02		.04	.05	.08	.10	.14	.10	.11	.15	.07	.055	21	.19
5	.06	.05	.05	.05	.05	.06	.06	.06	.08	.11	.11	.05	.03	.03		.09	.08	.11	.08	.06	.06	.08	.06	.10	.068	23	.19
6	.16	.28	.14	.08	.09	.11	.11	.12	.14	.11			.03	.02			.08	.10	.10	.07	.09	.08	.09	.09	.104	20	.32
7*	.09	.08	.09	.08	.07	.08	.14	.22	.07		.04	.03	.03	.04				.06	.04	.03	.04	.05	.04	.07	.069	20	.30
8*	.03	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.00		.02	.01	.01	.01	.01	.01	.01	.01	.02	.011	23	.04
9																											
10																											
11	.01	.01	.01	.00	.00	.00	.00	.02	.04	.03	.02	.02	.02	.03		.03	.06	.09	.11	.04	.03	.04	.03	.06	.031	23	.14
12	.07	.08	.07	.06	.05	.05	.07	.12	.11	.17	.20	.23	.19	.15			.14	.15	.13	.08	.09	.12	.12	.09	.115	22	.26
13	.09	.07	.06	.05	.04	.03	.08	.18	.21	.18	.12	.14	.13			.07	.09	.10	.09	.07	.06	.07	.08	.08	.094	22	.23
14*	.09	.08	.06	.14	.06	.07	.08	.11	.11	.14	.07	.06	.06			.03	.03	.03	.02	.02	.02	.02	.01	.02	.060	22	.21
15*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02		.01	.03	.03	.03	.03	.03	.02	.03	.02	.017	23	.04
16	.02	.02	.01	.01	.02	.02	.03	.05	.06	.04			.02	.02		.01	.03	.05	.05	.04	.04	.03	.03	.03	.030	21	.07
17	.03	.02	.02	.01	.02	.02	.03	.05	.07	.06	.04	.04	.03	.03		.03	.05	.06	.06	.05	.06	.07	.08	.14	.045	23	.19
18	.08	.07	.07	.04	.01	.01	.02	.08	.12		.03	.03	.05	.02		.05	.05	.05	.05	.05	.04	.02	.02	.02	.044	22	.15
19	.02	.01	.01	.01	.02			.03					.02	.02			.03	.04	.03	.02	.02	.02	.02	.02	.021	16	.04
20	.01	.01	.01	.01	.01	.02	.03	.05	.07	.05	.04	.04	.03	.03		.03	.04	.05	.04	.04	.04	.04	.04	.05	.033	23	.08
21*	.03	.02	.02	.02	.02	.02	.03	.04	.06	.05	.03	.02	.02	.03		.02	.03	.03	.03	.04	.03	.03	.04	.04	.031	23	.08
22*	.04	.03	.04	.03	.02	.01	.01	.06	.07	.07	.04		.01	.01		.02	.05	.04	.08	.20	.19	.13	.22	.21	.072	22	.29
23	.41	.37	.31	.29	.16	.19	.20	.32	.28	.26			.13	.13		.06	.08	.07	.04	.04	.02	.01	.02		.169	20	.58
24		.03	.02	.02	.02	.05	.05	.05			.03		.03	.03		.02	.03	.04	.05	.05	.07	.06	.04	.03	.037	19	.08
25	.04	.03	.03	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.03	.04	.05	.04	.019	23	.05
26	.05	.05	.04	.05	.04	.05	.07	.10	.12	.07		.01	.01	.00			.13	.36	.23	.12	.21	.26	.31	.10	.112	21	.40
27	.08	.07	.06	.05	.07	.09	.08				.06	.06	.05	.07		.07	.09	.09	.08	.06	.07	.05	.03	.03	.065	20	.11
28*	.03	.04	.04	.03	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.03	.03	.03	.03	.020	23	.06
29*	.04	.03	.03	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01		.01	.01	.02	.02	.02	.02	.02	.03	.02	.017	23	.04
30																											
31																											
MEAN	.06	.06	.05	.04	.04	.04	.05	.08	.09	.08	.05	.05	.04	.04		.03	.05	.07	.06	.05	.06	.06	.06	.06	.056		
NO.	26	27	27	27	27	26	26	26	24	22	21	20	26	25		22	26	27	27	27	27	27	27	26		586	
MAX	.41	.37	.31	.29	.16	.19	.20	.32	.28	.26	.20	.23	.19	.15		.09	.14	.36	.23	.20	.21	.26	.31	.21	.169		.58

* Indicates Saturday or Sunday

Local standard time used

Table 3-51. JANUARY, 1964, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1																											
2																											
3	.13	.13	.12	.09	.06	.09	.10	.11	.14	.10	.09	.10	.08			.10	.13	.22	.19	.15	.14	.16	.20	.16	.125	22	.24
4*	.09	.03	.02	.02	.01	.02	.03	.04				.02	.02	.01		.02	.02	.03	.02	.03	.05	.03	.02	.03	.027	20	.14
5*	.02	.01	.01	.01	.02	.03	.04	.07	.06	.06	.04	.02	.02		.01	.02	.05	.07	.10	.14	.13	.14	.20	.18	.062	23	.22
6	.14	.12	.11	.08	.06	.06	.07	.07																			
7	.04	.03	.02	.02	.02	.02	.03	.07	.15	.14	.08	.05	.03	.03			.04	.06	.06	.05	.07	.06	.07	.06	.074	16	.16
8	.04	.03	.03	.02	.02	.02	.04	.09	.15	.13	.11	.08	.05	.04		.03	.05	.11	.10	.07	.07	.06	.07	.04	.058	23	.18
9	.07	.05	.03	.03	.04	.06	.05	.09	.13	.14		.04	.03	.03		.03	.05	.09	.07	.08	.07	.07	.08	.09	.064	23	.17
10	.04	.03	.02	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01			.04	.04	.05	.08	.07	.09	.06	.05	.04	.059	22	.15
																									.017	13	.05
11*																											
12*																											
13																											
14	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.01	.01		.01	.01	.01	.00	.00	.00	.00	.00	.00	.006	13	.02
15	.01	.02	.01	.01	.01	.03	.04	.09	.08	.04	.01	.03	.01	.01		.02	.02	.02	.02	.01	.04	.02	.01	.01	.010	20	.08
													.03					.04	.07	.09	.09	.07	.06	.05	.043	21	.12
16	.06	.06	.08	.07	.08	.09	.10	.16	.15	.13	.09	.06	.01	.01		.01	.02	.05	.08	.04	.06	.06	.06	.07	.069	23	.20
17	.09	.08	.08	.07	.10	.10	.15	.19	.10	.05	.04	.03	.02	.03		.02	.05	.11	.05	.03	.04	.05	.09	.09	.072	23	.24
18*	.07	.24	.12	.48	.50	.35	.31	.46	.50	.49	.37		.08	.08		.05	.06	.05	.08	.05	.06	.09	.06	.06	.209	22	.61
19*	.07	.08	.09	.18	.33	.32	.26	.18	.32	.36	.18	.06	.05	.05		.05	.04	.04	.05	.06	.07	.07	.03	.03	.129	23	.39
20	.02	.03	.03	.02	.01	.02	.02	.04	.05	.08	.09	.10		.10		.05	.10	.08	.05	.03	.03	.02	.01	.01	.045	22	.14
21	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.02	.04	.06	.06	.08	.09	.08	.05	.05	.027	23	.10
22	.05	.02	.02	.02	.01	.01	.01	.05	.05	.03	.02	.02	.02							.17	.28	.40	.40	.59	.120	18	.61
23	.46	.38	.16	.16	.17	.21	.28	.33	.21	.18	.16	.12	.05	.03	.00										.192	15	.51
24																											
25*	.10	.07	.06	.04	.03	.03	.03	.02	.02	.01	.01	.01	.02	.02		.02	.02	.03	.02	.02	.03	.02	.02	.03	.029	23	.14
26*	.02	.02	.02	.02	.03	.03	.02	.04	.05	.05	.04	.03	.03	.02		.01	.01	.01	.01	.01	.02	.02	.02	.02	.024	23	.06
27	.02	.02	.02	.02	.02	.02	.03	.05	.08	.09	.06	.05	.03			.04	.05	.07	.06	.05	.08	.14	.13	.12	.056	22	.17
28	.11	.10	.09	.07	.07	.08	.07	.07	.07	.05	.04	.04	.02	.02			.03	.03	.02	.02	.01	.01	.01	.01	.046	22	.11
29	.01	.00	.00	.00	.00	.00	.01	.04	.05	.04	.03	.02	.03	.03		.03		.11	.09	.05	.07	.06	.07	.10	.038	22	.16
30	.11	.09	.10	.07	.03	.04	.06	.07	.11	.10	.06		.02	.02		.02	.03	.05	.09	.11	.09	.07	.06	.06	.065	22	.16
31	.05	.04	.03	.05	.08	.05	.06	.12	.14	.10	.05	.03	.03	.03			.03	.04	.05	.03	.06	.10	.08	.06	.058	22	.19
MEAN	.07	.07	.05	.06	.07	.07	.07	.10	.11	.10	.07	.04	.03	.03		.03	.04	.06	.06	.06	.07	.08	.08	.08	.066		
NO.	25	25	25	25	25	25	25	25	23	23	22	22	24	19	2	19	21	23	23	24	24	24	24	24		541	
MAX	.46	.38	.16	.48	.50	.35	.31	.46	.50	.49	.37	.12	.08	.10	.01	.10	.13	.22	.19	.17	.28	.40	.40	.59	.209		.61

* Indicates Saturday or Sunday

Local standard time used

Table 3-52. FEBRUARY, 1964. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1*	.04	.10	.10	.08	.07	.06	.07	.10	.12	.13	.11	.09	.09	.09		.02	.03	.04	.04	.03	.03	.03	.03	.02	.066	23	.15
2*	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00		.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.006	22	.03
3	.01	.01	.01	.01	.01	.01	.02	.03	.04						.01	.01	.02	.03	.02	.01	.01	.01	.01	.01	.015	19	.05
4	.01	.01	.00	.01	.01	.01	.01	.04	.04	.04	.02	.02	.01	.01							.04	.04	.06	.08	.026	18	.09
5	.07	.05	.04	.04	.06	.07	.04	.04	.03	.02	.02	.01	.01	.01				.06	.08	.11	.17	.19	.38	1.15	.126	21	1.35
6	.97	.35	.20	.13	.09	.08	.07	.10	.10	.08	.05	.04	.05	.08			.07	.09	.06	.06	.04	.02	.01	.01	.124	22	1.35
7	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03		.02	.02		.01	.02	.04	.05	.04	.06	.02	.03	.03	.025	22	.10
8*	.03	.01	.01	.01	.00	.01	.01	.02	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.013	23	.03
9*	.02	.01	.01	.01	.00	.00	.00	.01	.00	.00	.01			.01		.01	.02	.04	.05	.05	.05	.04	.04	.04	.019	21	.10
10	.03	.04	.05	.05	.06	.05	.06	.07	.08	.07	.06	.05	.03	.03				.06	.08	.06	.05	.06	.06	.05	.055	21	.10
11	.04	.05	.07	.06	.05	.03	.06	.08	.07	.05	.05	.03		.03		.02	.04	.04	.02	.02	.01	.01	.01	.01	.038	22	.08
12	.01	.01	.01	.01	.01	.01	.02	.06	.07	.05	.03	.04	.03	.02		.03	.05	.13	.08	.06	.07	.13	.17	.23	.057	23	.29
13	.16	.13	.14	.13	.12	.09	.18	.23	.26	.06	.02	.05	.04	.03				.11	.06	.06	.09	.11	.07	.08	.106	21	.31
14	.07	.06	.05	.04	.04	.04	.04	.06	.07	.06	.03	.02	.02	.02		.02	.04	.07	.07	.05	.08	.10	.06	.06	.050	23	.13
15*	.07	.04	.06	.04	.04	.04	.05	.26	.21	.04									.00	.00	.01	.02	.03	.02	.058	16	.36
16*	.02	.02	.03	.01	.01	.00	.00	.01	.02	.02	.02	.02	.02			.01	.01	.01	.01	.01	.02	.02	.02	.02	.015	22	.04
17	.02	.01	.01	.01	.01	.01	.02	.06	.06	.04	.04		.02	.02			.03	.05	.05	.05	.11	.10	.10	.33	.055	21	.46
18	.23	.07	.06	.04	.04	.04	.05	.05	.06	.06	.06	.03	.06	.06			.05	.06	.04	.04	.04	.03	.01	.01	.053	22	.46
19	.01	.00	.00	.00	.00	.00	.00	.01	.02	.02							.03	.04	.03	.03	.04	.03	.03	.02	.017	18	.05
20	.01	.00	.00	.00	.00	.00	.01	.03	.03	.03	.02	.00	.01	.01		.01	.01	.02	.02	.01	.00	.00	.00	.00	.009	23	.04
21	.00	.00	.00	.00	.00	.00	.00	.00	.00		.02	.02	.01	.01			.02	.03	.03	.02	.03	.02	.02	.02	.012	21	.03
22*	.02	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.02	.011	23	.02
23*	.02	.03	.03	.02	.02	.01	.01	.01	.00	.00	.00			.01		.00	.00	.00	.01	.02	.03	.03	.02	.06	.016	21	.08
24	.09	.07	.06	.05	.08	.06	.06	.14	.13	.11	.12	.07	.02				.03	.04	.04	.03	.03	.04	.03	.04	.062	21	.17
25	.05	.04	.04	.03	.04	.03	.04	.06	.09	.09	.10	.05	.02	.01		.02	.03	.04	.03	.03	.03	.03	.05	.07	.043	23	.13
26	.19	.16	.15	.15	.24	.24	.20	.23	.16	.14	.10	.07	.04	.04		.04	.06	.07	.05	.06	.08	.04	.02	.02	.110	23	.30
27	.01	.01	.01	.00	.00	.01	.02	.04	.04	.03	.01	.01				.01	.02	.04	.04	.04	.07	.08	.07	.04	.028	21	.11
28	.04	.04	.04	.03	.04	.07	.11	.16	.18	.12	.04	.03	.02	.02		.03	.04	.05	.04	.03	.02	.01	.01	.01	.051	23	.21
29*	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.01										.04	.05	.05	.08	.019	15	.10
MEAN	.08	.05	.04	.03	.04	.03	.04	.07	.07	.05	.04	.03	.03	.03		.02	.03	.04	.04	.04	.04	.05	.05	.09	.045		
NO	29	29	29	29	29	29	29	29	29	27	26	21	20	22	1	17	23	26	27	27	29	29	29	29		614	
MAX	.97	.35	.20	.15	.24	.24	.20	.26	.26	.14	.12	.09	.09	.09	.01	.04	.07	.13	.08	.11	.17	.19	.38	1.15	.126		1.35

* Indicates Saturday or Sunday

Local standard time used

Table 3-53. MARCH, 1964. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

Day of Month	A.M. 12	1	2	3	4	5	6	7	8	9	10	11	P.M. 12	1	2	3	4	5	6	7	8	9	10	11	Daily Mean	No. of Hrs.	5 Min. Max.
1*	.07	.09	.10	.05	.05	.06	.05	.05	.05	.05	.05	.02	.02	.03		.02	.05	.07	.09	.08	.10	.08	.07	.13	.060	23	.14
2	.08	.07	.13	.08	.07	.08	.13	.18	.26	.22	.06	.02	.01				.00	.01	.02	.07	.12	.01	.00	.01	.073	21	.30
3	.00	.00	.00	.00	.02	.02	.04	.07	.10	.08				.04				.05	.04	.05	.14	.30	.30	.34	.088	18	.42
4	.27	.19	.21	.39	.45	.40	.47	.29	.17	.08	.05	.01	.01	.01		.02	.02	.03	.02	.03	.05	.05	.01	.02	.141	23	.53
5	.01	.01	.00	.01	.01	.01	.01	.01	.02	.01	.01		.00		.04	.04	.04	.05	.02	.01	.01	.02	.02	.02	.017	22	.07
6	.02	.01	.01	.01	.01	.01	.02	.05	.04	.03				.01			.02	.04	.05	.04	.17	.05	.08	.13	.042	19	.28
7*	.18	.09	.04	.02	.02	.02	.01	.01	.02	.01		.01	.01	.02		.02	.02	.05	.03	.04	.07	.07	.07	.10	.042	22	.21
8*																											
9										.11	.10	.08	.11	.11		.06	.08	.09	.08	.03	.02	.02	.03	.03	.067	14	.14
10	.06	.06	.06	.07	.14	.18	.13	.21	.28	.24	.19					.03	.05	.07	.04	.01	.01	.01	.01	.01	.094	20	.30
11	.01	.00	.00	.00	.00	.00	.01	.02	.03	.02	.02	.02				.02	.03	.05	.05	.07	.04	.04	.04	.06	.025	21	.09
12	.07	.03	.04	.07	.06	.07	.09	.16	.20	.08	.05	.04	.04	.06		.08	.14	.17	.14	.10	.08	.08	.07	.04	.085	23	.25
13																											
14*																											
15*																											
16	.05	.04	.03	.02	.02	.03	.05	.05	.02	.02	.01	.01	.01	.01		.01	.02	.02	.03	.04	.06	.11	.11	.13	.038	23	.15
17	.10	.09	.04	.06	.08	.07	.05	.09	.09	.07		.02	.01	.02		.04	.04	.06	.04	.03	.02	.03	.02	.01	.048	22	.15
18	.01	.00	.00	.00	.00	.00	.00	.02	.02			.00				.01	.01	.01	.00	.00	.01	.00	.00	.01	.006	19	.02
19	.00	.00	.00	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01		.01	.02	.03	.02	.03	.02	.03	.05	.03	.017	23	.06
20	.01	.01	.01	.01	.01	.01	.02	.04	.05	.03	.02	.01	.02	.01		.02	.03	.06	.04	.03	.03	.03	.02	.00	.022	23	.07
21*	.00	.01	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02			.04	.01	.02	.02	.02	.01	.01	.01	.014	22	.05
22*	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.01	.00	.002	21	.01
23	.00	.00	.00	.00	.01	.01	.01	.03	.03	.02	.01		.01	.01			.02	.04	.04	.03	.01	.04	.08	.08	.022	21	.10
24	.14	.20	.12	.15	.13	.21	.21	.27	.16	.04	.01	.00	.00	.00		.01	.01	.01	.00	.00	.01	.01	.00	.01	.074	23	.33
25	.01	.00	.03	.05	.02	.04	.08	.11	.07	.03	.03	.04	.01	.00		.02	.01	.02	.01	.02	.01	.02	.01	.01	.028	23	.15
26	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.02	.01	.01				.02	.02	.00	.00	.00	.00	.00	.007	21	.03
27	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01	.01	.01		.01	.01	.02	.02	.03	.02	.05	.07	.09	.019	23	.11
28*	.08	.05	.03	.02	.03	.04	.03	.03	.02	.01	.01	.01	.00	.01			.01	.01	.01	.01	.01	.02	.03	.03	.022	22	.11
29*	.03	.01	.01	.02	.01	.01	.01	.02	.02	.01	.00	.01	.00	.00		.01	.01	.01	.01	.02	.03	.03	.02	.02	.012	23	.05
30	.01	.02	.00	.00	.01	.01	.02	.04	.06	.04			.01	.01		.00	.01	.01	.01	.00	.00	.01	.01	.00	.013	21	.07
31	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01		.01	.00	.01		.02	.02	.02	.01	.01	.02	.06	.06	.03	.014	22	.07
MEAN	.05	.04	.03	.04	.04	.05	.06	.07	.07	.05	.03	.02	.02	.02		.02	.03	.04	.03	.03	.04	.04	.04	.05	.040		
NO	26	26	26	26	26	26	26	26	26	26	20	21	21	21	1	20	25	27	27	27	27	27	27	27		578	
MAX	.27	.20	.21	.39	.45	.40	.47	.29	.28	.24	.19	.08	.11	.11	.04	.08	.14	.17	.14	.10	.17	.30	.30	.34	.141		.53

* Indicates Saturday or Sunday

Local standard time used

Table 3-54. APRIL, 1964, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.05	.03	.01	.01	.01	.02	.02	.03	.04	.03	.01	.01	.00	.01		.02	.02	.03	.02	.03	.04	.08	.07	.08	.028	23	.15
2	.15	.09	.09	.09	.06	.04	.07	.12	.08	.01	.00	.00	.00	.00		.01	.01	.01	.00	.00	.01	.00	.00	.01	.037	23	.18
3																											
4*																											
5*	.03	.01	.02	.01	.00	.00	.01	.00	.01	.01	.02	.01				.00	.00	.00	.01	.02	.02	.01	.01	.01	.009	21	.04
6	.02	.01	.01	.02	.02	.04	.05	.04	.06	.05		.03	.04	.03		.06	.09	.15	.14	.11	.08	.07	.06	.05	.055	22	.18
7	.04	.04	.06	.05	.04	.04	.07	.10	.11	.09	.13		.08	.06			.11	.19	.14	.14	.22	.09	.08	.05	.091	21	.29
8	.03	.03	.06	.07	.09	.08	.10	.11	.18	.14	.12	.11	.05	.05			.06	.05	.04	.03	.02	.02	.02	.01	.066	22	.21
9	.01	.01	.00	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01		.01	.02	.03	.02	.02	.03	.04	.06	.06	.020	23	.07
10	.05	.02	.02	.02	.02	.02	.05	.08	.04	.02	.01	.01	.00	.00		.01	.01	.02	.02	.03	.08	.06	.06	.07	.032	23	.10
11*																											
12*																											
13																											
14	.00	.00	.00	.00	.00	.00	.00	.02	.03	.02	.02	.02	.01	.01		.02		.02	.01	.01	.01	.01	.01	.00	.010	22	.04
15	.00	.01	.01	.00	.00	.00	.01	.05	.05	.04	.05	.02	.00	.00	.01		.01	.08	.03	.02	.05	.05	.02	.02	.023	23	.13
16	.01	.01	.01	.01	.01	.01	.02	.04	.04	.03	.03	.02		.01			.01	.02	.01	.01	.03	.05	.08	.07	.025	21	.08
17	.04	.04	.05	.02	.01	.01	.02	.03	.04	.04	.02	.01	.01	.01		.01	.01	.02	.02	.03	.07	.07	.06	.08	.031	23	.08
18*	.08	.09	.08	.08	.08	.08	.08	.07	.06	.03	.02							.02	.02	.03	.03	.03	.03	.03	.052	18	.11
19*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.04
20	.02	.02	.02	.02	.02	.02	.02	.03	.06	.05		.02	.02	.02		.02	.03	.03	.02	.03	.03	.02	.01	.01	.025	22	.07
21	.01	.01	.01	.01	.01	.01	.02	.04	.05	.05	.04	.03		.02		.02	.02	.03	.02	.01	.01	.01	.01	.01	.019	22	.06
22	.01	.01	.00	.00	.00	.00	.01	.02	.06	.05	.04	.02	.01	.01		.02	.02	.02	.03	.03	.02	.04	.04	.03	.021	23	.09
23	.03	.03	.03	.03	.02	.02	.03	.04	.03	.02	.02	.02	.02	.02	.01		.02	.03	.02	.02	.04	.06	.07	.06	.029	23	.09
24	.06	.06	.04	.03	.02	.02	.02	.02	.03	.03	.02	.01	.01			.01	.01	.01	.00	.00	.00	.00	.00	.01	.019	22	.07
25*																											
26*																											
27	.01	.01	.01	.01	.02	.03	.06	.04			.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	21	.07
28																											
29																											
30																											
MEAN	.03	.03	.03	.03	.02	.02	.03	.05	.05	.04	.03	.02	.02	.02			.03	.04	.03	.03	.04	.04	.03	.03	.032		
NO	20	20	20	20	20	20	20	20	19	19	18	18	16	17	3	13	18	20	20	20	20	20	20	20		441	
MAX	.15	.09	.09	.09	.09	.08	.10	.12	.18	.14	.13	.11	.08	.06	.03	.06	.11	.19	.14	.14	.22	.09	.08	.09	.091		.29

* Indicates Saturday or Sunday

Local standard time used

Table 3-55 MAY, 1964. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF OBS.	DAILY MAX.
1																											
2*	.02	.01	.01	.01	.02	.02	.02	.04	.05	.05	.05			.03		.02	.02	.02	.04	.03	.02	.03	.02	.02	.026	21	.08
3*	.02	.02	.01	.01	.01	.02	.03	.02	.02	.02	.03	.02	.01	.01		.01	.01	.01	.01	.02	.02	.03	.03	.04	.018	23	.05
4	.03	.04	.04	.06	.05	.08	.12	.13	.10	.06	.04		.02	.01		.01	.01	.01	.00	.01	.01	.01	.01	.01	.039	22	.16
5	.02	.03	.03	.04	.04	.05	.09	.10	.11		.06	.03	.02	.03		.02	.02	.02	.01	.01	.02	.04	.03	.02	.038	22	.13
6	.02	.01	.01	.02	.02	.03	.08	.07	.05	.05	.04	.04						.03	.05	.02	.02	.02	.02	.06	.034	19	.10
7	.07	.05	.03	.02	.05	.06	.11	.12	.08	.02	.01	.01	.01	.02		.01	.02	.02	.01	.01	.03	.05	.06	.07	.040	23	.13
8	.05	.05	.06	.08	.08	.12	.19	.09	.04	.01	.01	.00	.00												.059	13	.21
9*																											
10*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.06	.05	.012	24	.11
11	.03	.03		.01	.01	.01	.04	.04	.02	.01	.01	.01	.01	.01		.00	.00	.01	.01	.01	.01	.02	.06	.04	.017	22	.08
12	.05	.06	.06	.04	.01	.03	.08	.10	.13	.10	.04		.01	.01		.02	.01	.01	.01	.01	.01	.01	.01	.01	.037	22	.18
13	.01	.00	.01	.01	.01	.04	.08	.09	.10	.11	.06	.04	.03	.04		.02	.01	.01	.01	.01	.04	.02	.04	.03	.034	23	.12
14	.02	.01	.02	.02	.02	.02	.05	.06	.04	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.01	.02	.02	.018	23	.07
15	.01	.02	.02	.01	.02	.03	.05	.10	.13	.06	.05	.04	.03	.02											.042	14	.15
16*																											
17*	.08	.07	.05	.02	.01	.01	.02	.04	.04	.01	.00	.01	.01	.01		.01	.01	.01	.01	.04	.07	.07	.04	.02	.029	23	.11
18	.07	.06	.03	.06	.12	.18	.13	.17	.06	.03	.01	.01	.01	.01		.01	.02	.01	.01	.06	.07	.19	.25	.64	.096	23	.68
19	.60	.57	.50	.45	.28	.14	.14	.13		.03	.02	.01	.01	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.134	22	.63
20																											
21																											
22	.01	.01	.01	.01	.01	.03	.06	.07	.06	.05	.02	.02	.01	.01		.01	.01	.01	.01	.01	.02	.03	.06	.06	.026	23	.07
23*	.03	.02	.01	.01	.01	.02	.03	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.03	.08	.012	23	.11
24*	.07	.05	.02	.02	.04	.05	.05	.02	.01		.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.03	.02	.03	.019	22	.10
25	.02	.00	.00	.00	.00	.00	.01	.02	.01		.00	.00	.00	.00		.00	.01	.00	.00	.00	.00	.00	.00	.00	.003	22	.04
26	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00		.00	.00	.00	.00	.01	.02	.03	.02	.02	.004	21	.04
27	.01	.01	.01	.01	.01	.03	.06	.02	.00	.00	.00	.00	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	23	.06
28	.00	.00	.00	.00	.00	.03	.04	.03	.02	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.02	.05	.03	.015	22	.07
29	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.011	23	.03
30*	.02	.01	.01	.00	.00	.01	.01	.01	.01	.01	.00	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
31*	.00	.00	.02	.02	.03	.02	.02	.01	.01	.01	.02	.05	.01	.01		.00	.01	.01	.01	.01	.02	.01	.02	.01	.014	23	.06
MEAN	.05	.04	.04	.04	.03	.04	.06	.06	.05	.03	.02	.01	.01	.01		.01	.01	.01	.01	.01	.02	.03	.04	.05	.030		
NO.	26	26	25	26	26	26	26	26	24	22	26	23	24	23	1	23	23	24	24	24	24	24	24	24		564	
MAX	.60	.57	.50	.45	.28	.18	.19	.17	.13	.11	.06	.05	.03	.04	.01	.02	.02	.03	.05	.06	.07	.19	.25	.64	.134		.68

* Indicates Saturday or Sunday

Local standard time used

Table 3-56. JUNE, 1964, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.02	.02	.01	.02	.05	.09	.14	.22	.12		.06	.03	.01	.02		.02	.01	.01	.02	.04	.02	.03	.03	.03	.046	22	.31
2	.06	.03	.02	.01	.01	.02	.04	.05		.03	.03	.03	.01	.02		.01	.02	.02	.01	.01	.01	.00	.01	.03	.021	22	.09
3	.03	.02	.03	.02	.03	.04	.07	.09	.03	.01	.01	.00	.00	.00		.01	.02	.01	.01	.01	.01	.02	.01	.02	.022	23	.10
4	.01	.02	.01	.01	.01	.03	.04	.03	.01	.01					.01	.01	.01	.01	.01	.02	.09	.21	.25	.12	.045	20	.31
5	.01	.01	.01	.01	.01	.02	.04	.05	.05	.02	.02	.02	.01			.00	.01	.00	.00	.01	.02	.01	.00	.00	.015	22	.06
6*	.00	.00	.00	.01	.01	.00	.01	.01	.01	.01	.00	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
7*	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.01
8	.01	.01	.01	.01	.01	.01	.06	.11	.03	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.02	.03	.02	.019	23	.13
9	.01	.01	.02	.06	.07	.10	.10	.10	.11	.04		.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.030	22	.14
10	.00	.00	.00	.00	.01	.03	.05	.08	.06	.02	.01	.00	.00	.00		.01	.00	.00	.01	.01	.01	.01	.01	.02	.015	23	.09
11	.01	.00	.00	.00	.01	.01	.04	.03	.02	.02	.02	.01	.01	.01		.02	.02	.01	.01	.03	.04	.03	.08	.07	.021	23	.09
12	.07	.06	.02	.03	.05	.06	.10	.14	.09	.02	.02	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.03	.03	.035	23	.20
13*	.02	.01	.01	.01	.01	.01	.02	.02	.03	.01	.01	.01	.01												.014	13	.04
14*																											
15	.03	.02	.01	.01	.01	.03	.08	.05	.06	.04	.02	.01	.01	.01			.01	.01	.03	.02	.05	.04	.01	.01	.025	22	.11
16	.01	.01	.01	.01	.01	.01	.02	.03	.02		.01	.01	.01	.01			.02	.01	.01	.01	.01	.02	.03	.02	.014	21	.09
17	.03	.02	.01	.01	.01	.02	.04	.04	.03	.02	.01	.01	.01	.01											.019	14	.05
18																											
19	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.02	.04	.02	.03		.01	.02	.01	.02	.05	.06	.03	.06	.06	.020	23	.12
20*	.01	.02	.02	.01	.03	.04	.03	.07	.03	.02	.03	.03	.02	.01		.00	.00	.00	.00	.00	.00	.01	.03	.01	.017	23	.11
21*	.02	.02	.00	.00	.01	.01	.03	.01	.00	.00	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.005	23	.04
22	.00	.00	.00	.00	.00	.00	.00	.00					.01	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	19	.04
23	.00	.00	.01	.01	.00	.01	.01	.02	.03	.01	.01	.01	.01	.00		.03	.02	.01	.01	.00	.00	.00	.01	.01	.009	23	.04
24	.00	.00	.00	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01		.02	.05	.05	.02	.02	.01	.03	.02	.01	.014	23	.08
25	.01	.01	.01	.01	.01	.02	.03	.02	.02	.02	.01	.01	.01	.01			.02	.01	.00	.01	.03	.06	.12	.10	.025	22	.15
26	.09	.02	.02	.03	.11	.14	.11	.09	.03	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.027	23	.15
27*	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
28*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.02	.03	.01	.01	.003	23	.04
29	.01	.01	.02	.02	.03	.05	.06	.03	.06	.06	.02	.01	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.017	23	.08
30	.00	.00	.01	.02	.05	.04	.03	.01	.00	.00	.00		.03	.03			.02	.02	.01	.01	.01	.01	.01	.01	.015	21	.07
MEAN	.02	.01	.01	.01	.02	.03	.04	.05	.03	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.03	.02	.018		
NO.	28	28	28	28	28	28	28	28	25	24	25	25	27	25	1	22	26	26	26	26	26	26	26	26		606	
MAX.	.09	.06	.03	.06	.11	.14	.14	.22	.12	.06	.06	.04	.03	.03	.01	.03	.05	.05	.03	.05	.09	.21	.25	.12	.046		.31

* Indicates Saturday or Sunday

Local standard time used

Table 3-57 JULY 1964 HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

Day of Month	A.M.												P.M.												Daily Max.	No. of Hours	5 Min. Max.
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12			
1	.01	.01	.01	.01	.01	.01	.02	.01				.00	.00	.00		.00	.00	.00	.00	.00	.04	.00	.00	.00	.005	20	.02
2	.01	.01	.00	.01	.01	.02	.02	.04	.01	.01	.01		.01	.00		.01	.01	.00	.00	.00	.00	.02	.02	.03	.010	22	.03
3	.04	.03	.01	.00	.01	.03	.06	.03	.01	.00	.00	.00		.00		.00	.00	.00	.02	.00	.00	.01	.00	.00	.011	22	.06
4*	.00	.00	.00	.01	.03	.02	.01	.01	.00	.00	.00	.01	.01	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.04
5*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00		.00	.00	.00	.01	.01	.02	.03	.02	.03	.006	22	.04
6	.03	.04	.03	.03	.04	.08	.05	.04		.01	.02	.02	.02	.01		.02	.02	.01	.02	.02	.05	.09	.08	.08	.035	22	.11
7	.06	.07	.04	.08	.09	.07	.11	.08				.01	.01	.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.035	20	.14
8	.01	.01	.01	.01	.02	.02	.03				.02	.04	.03	.02		.02	.02	.02	.02	.05	.04	.03	.02	.01	.022	20	.06
9	.01	.01	.01	.01	.00	.02	.07	.05	.03	.03	.02	.01	.01	.01					.01	.02	.01	.01	.03	.03	.020	20	.09
10	.02	.01	.03	.02	.02	.04	.06	.03	.01	.01	.01	.00	.00	.00		.00						.04	.04	.03	.020	18	.07
11*	.02	.05	.07	.12	.05	.05	.08	.08	.07		.04	.01	.01	.01		.01	.00	.00	.00	.01	.00	.00	.03	.06	.035	22	.15
12*	.04	.05	.02	.02	.01	.00	.00	.00	.00	.00		.00	.00	.00		.00	.00	.01	.01	.01	.01	.01	.02	.02	.010	22	.08
13	.02	.02	.02	.02	.02	.02	.04	.06	.04	.03		.00	.00	.00		.00	.01	.02	.02	.03	.05	.05	.05	.06	.027	22	.09
14	.04	.02	.02	.02	.01	.04	.05	.08	.06	.03	.01	.01	.00	.00		.00	.01	.01	.00	.00	.00	.00	.00	.00	.018	23	.09
15	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00		.00		.00	.00		.02	.02	.03	.04	.04	.04	.011	21	.06
16	.04	.03	.02	.02	.02	.02	.03	.04		.03	.02	.01					.00	.00	.00	.00	.00	.00	.00	.00	.015	19	.06
17	.00	.00	.00	.02	.01	.04	.05	.05		.01	.00	.00	.00	.00		.01	.01	.00		.01	.00	.00	.01	.01	.010	21	.06
18*	.03	.04	.04	.05	.04	.04	.06	.07	.05	.02	.01	.01	.01	.01		.00	.00	.00	.00	.00	.00	.02	.03		.023	23	.08
19*	.06	.08	.06	.02	.01	.01	.01	.01	.01	.00	.01		.01	.01		.01	.01	.02	.03	.02	.01	.06	.10	.06	.027	22	.14
20	.02	.03	.02	.02	.05	.08	.10	.09	.04	.01						.00	.00	.00	.00	.00	.00	.02	.04	.03	.029	19	.12
21	.01	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.00	.00	.00		.00	.01	.01	.00	.00	.01	.01	.01	.01	.006	23	.03
22	.01	.01	.01	.01	.01	.01	.01	.03	.02	.02	.02	.01	.01	.01			.01	.01	.01	.01	.01	.01	.00	.01	.012	22	.04
23	.01	.00	.00	.00	.00	.01	.03	.04	.03	.04	.04		.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.02	.014	22	.07
24	.01	.01	.01	.01	.01	.01	.04	.05	.06	.04	.03	.03	.03									.03	.02		.026	15	.07
25*	.02	.01	.01	.01	.00	.01	.02	.02	.02	.03	.03	.02			.00	.01						.00	.01	.01	.013	17	.04
26*	.01	.00	.00	.00	.01	.01						.01	.01				.02	.02							.014	16	.05
27	.05	.04	.05	.06	.07	.08	.07	.04	.03	.02	.01	.01	.01	.00		.01	.02	.01	.02	.03	.01	.01	.02	.05	.027	23	.10
28	.02	.03	.04	.03	.02	.05	.06	.06	.03	.03	.09	.03							.01	.01	.01	.01	.01	.01	.029	18	.16
29	.06	.01	.01	.02	.02	.01	.02	.03			.02	.00	.00	.00			.00		.00	.00	.00	.00	.00	.02	.011	19	.07
30	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.01	.00	.00	.00	.00	.003	23	.03
31																			.00	.01	.02	.01	.01	.00			
MEAN	.02	.02	.02	.02	.02	.03	.04	.04	.02	.02	.02	.01	.01	.01		.00	.01	.01	.01	.01	.01	.02	.02	.02	.017		
NO.	30	30	30	30	30	30	29	28	22	24	24	25	24	24	1	23	24	24	26	27	27	29	30	30		621	
MAX	.06	.08	.07	.12	.09	.08	.11	.09	.07	.04	.09	.04	.03	.02	.00	.02	.02	.02	.03	.05	.05	.09	.10	.09	.035		.16

* Indicates Saturday or Sunday

Local standard time used

Table 3-58. AUGUST, 1964. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	8 HRS. MAX.
1*																											
2*																											
3	.01	.01	.00	.00	.00	.01	.02	.02	.05	.06	.03	.04	.03	.03		.02	.03	.02	.01	.01	.01	.01	.01	.01	.018	23	.08
4	.02	.02	.02	.02	.02	.03	.04	.05	.04	.03						.00	.00		.00	.00	.00	.00	.00	.00	.015	18	.06
5	.00	.02	.04	.02	.01	.01	.04	.02	.01	.01	.00	.00	.01	.00		.01	.02	.02	.01	.02	.03	.01	.03	.05	.017	23	.05
6	.06	.05	.01	.01	.01	.01	.03	.04	.03	.03	.02	.02	.02	.01		.01	.02	.01	.01	.03	.08	.10	.02	.01	.028	23	.13
7	.02	.02	.04	.07	.10	.10	.11	.11	.06	.03	.02	.00	.00	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.030	23	.13
8*	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00			.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	21	.03
9*	.01	.02	.01	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.01		.01	.01	.01	.01	.01	.04	.06	.10	.09	.018	23	.11
10	.07	.04	.06	.07	.10	.13	.24	.29	.12	.09	.02	.02				.01	.01	.01	.01	.01	.01	.01	.01	.01	.063	21	.31
11	.00	.00	.00	.01	.01	.02	.07	.05	.01	.01	.01	.01	.01	.00		.00	.00	.00	.00	.01	.00	.01	.01	.00	.010	23	.10
12	.00	.00	.00	.00	.00	.00	.01	.04	.04	.02	.01	.00	.00	.00						.02	.02	.02	.02	.02	.011	19	.06
13	.01	.01	.01	.01	.02	.03	.05	.06	.03	.02	.02	.02	.02	.01			.02	.01	.01	.02	.02	.03	.02	.02	.021	22	.07
14	.02	.01	.01	.01	.01	.03	.04	.04	.02	.02	.01	.01	.01	.01			.02	.02	.03	.01	.03	.04	.06	.09	.024	22	.10
15*	.11	.09	.08	.08	.05	.03	.04	.03	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.04	.030	23	.11
16*	.02	.03	.03	.02	.01	.02	.05	.02	.01	.01	.01	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.010	23	.05
17	.00	.00	.00	.00	.01	.02	.04	.07	.05	.02	.02	.02				.00	.01	.00	.00	.00	.03	.04	.05	.04	.020	21	.09
18	.01	.00	.00	.01	.00	.01	.03	.04	.03	.01	.01	.00	.00	.00		.00	.01	.01	.02	.02	.02	.01	.01	.02	.011	23	.05
19	.01	.00	.00	.00	.00	.02	.03	.03		.01	.00						.00	.00	.00	.00		.04	.03	.04	.012	17	.05
20	.05	.06	.05	.03	.03	.04	.09	.08	.05	.02	.01	.01	.01												.038	13	.11
21										.02	.03	.02	.01	.01		.01	.01	.01	.01	.00	.00	.00	.00	.00	.010	14	.04
22*	.00	.00	.00	.00	.01	.01	.02	.05	.03	.02	.01	.00	.00	.00		.00	.01	.00	.00	.01	.01	.00	.00	.00	.008	23	.06
23*	.00	.00	.00	.01	.01	.01	.01	.03	.04	.02	.01	.00	.00	.00		.00	.00	.00	.01	.02	.01	.01	.03	.02	.010	23	.04
24	.02	.01	.01	.01	.02	.05	.15	.10	.04	.02	.01	.01	.00			.00	.01	.01	.02	.03		.00	.01	.03	.026	21	.19
25	.04	.07	.08	.05	.04	.05	.07	.08		.05	.01	.00	.00	.00	.00	.01	.02	.02	.02	.02	.03	.03	.03	.03	.033	23	.10
26																											
27	.01	.01	.01	.00	.01	.05	.08	.06	.05	.02	.01	.01						.01	.01	.02	.02	.01	.01	.02	.021	19	.09
28	.01	.01	.03	.03	.04	.08	.13	.11						.00			.02	.02	.03	.03					.041	13	.13
29*																											
30*	.07	.05	.05	.08	.06	.06	.07	.08		.02	.02	.01	.01	.01		.00	.00	.00	.00	.01	.01	.00	.03	.02	.030	22	.10
31	.03	.02	.01	.01	.02	.03	.04	.06	.07	.05	.04	.02	.01	.01		.01	.02	.01	.01	.02	.05	.06	.06	.08	.031	23	.10
MEAN	.02	.02	.02	.02	.02	.03	.06	.06	.04	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.03	.022		
NO.	26	26	26	26	26	26	26	26	22	26	25	23	20	20	1	19	24	25	25	26	23	25	25	25		562	
MAX	.11	.09	.08	.08	.10	.13	.24	.29	.12	.09	.04	.04	.03	.03	.00	.02	.03	.02	.03	.03	.08	.10	.10	.09	.063		.31

* Indicates Saturday or Sunday

Local standard time used

Table 3-59. SEPTEMBER, 1964, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.03	.02	.01	.01	.01	.01	.03	.05	.03	.03	.03	.02	.01	.02			.03	.02	.02	.02	.01	.02	.01	.01	.020	22	.05
2	.01	.00	.00	.00	.00	.01	.02	.03	.03	.02	.02	.01	.01	.01		.01	.02	.02	.03	.07	.05	.01	.01	.02	.017	23	.10
3	.04	.07	.04	.04	.04	.04	.06	.07	.05	.03	.01	.00	.00	.01			.00		.01	.02	.03	.04	.06	.08	.034	21	.11
4	.10	.04	.01	.02	.03	.05	.12	.10	.05	.02							.00	.02	.03	.09	.15	.09	.09	.10	.062	18	.18
5*	.14	.08	.09	.04	.03	.01	.02	.02	.01	.01	.01	.02	.01			.00	.02	.02	.03	.04	.04	.04	.05	.05	.035	22	.16
6*	.03	.01	.01	.01	.01	.01	.03	.03	.01	.01	.01	.01	.00			.00	.01	.01	.03	.04	.08	.17	.18	.18	.040	22	.30
7	.20	.18	.11	.10	.08	.06	.05	.06	.05	.05	.03	.01	.00	.00		.00	.00	.00	.00	.00	.02	.02	.01	.01	.044	23	.33
8	.00	.01	.00	.00	.01	.01	.03	.05	.02	.01	.01	.01				.00	.00	.00	.00	.00	.00	.00	.01	.03	.010	21	.06
9	.06	.05	.04	.02	.01	.01	.04	.05	.04	.02	.00	.00	.00			.00	.01	.01	.01	.01	.01	.00	.00	.00	.017	22	.07
10	.02	.05	.02	.03	.04	.04	.06	.09	.08	.04	.02	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.022	23	.10
11	.01	.00	.00	.01	.01	.03	.07	.06	.05	.04	.04	.02	.01				.02	.03	.02	.03	.01	.01	.01	.01	.023	21	.09
12*	.02	.02	.02	.01	.01	.01	.03	.04	.04	.03	.03	.03	.03	.03	.02				.02	.03	.02	.02	.02	.03	.024	21	.08
13*	.04	.03	.02	.03	.03	.02	.03	.02	.02	.03			.04	.05			.03	.02	.04	.03	.03	.03	.02	.02	.029	20	.07
14	.02	.02	.01	.01	.01	.01	.03	.04	.05	.03	.03	.04	.03	.03		.02	.01	.01	.02	.03	.03	.03	.03	.01	.023	23	.10
15	.01	.01	.01	.01	.04	.05	.08	.11	.06	.02	.02	.01	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.01	.024	23	.11
16	.00	.00	.00	.00	.00	.02	.05	.07	.05	.04							.01	.01	.00	.00	.00	.00	.00	.00	.013	18	.09
17	.00	.00	.01	.01	.01	.01	.02	.04	.04	.04				.01	.01	.01	.02	.02	.03	.05	.06	.07	.08	.08	.029	21	.10
18	.04	.03	.02	.02	.02	.02	.04	.09	.12	.05	.02	.01	.01	.01	.02	.01	.01	.02	.02	.07	.05	.05	.05	.05	.035	24	.13
19*	.06	.03	.01		.00	.00	.01	.01	.02	.01				.02	.02	.02	.02	.01	.01	.01	.02	.03	.02	.02	.018	20	.07
20*	.01	.01	.01	.01	.02	.03	.02	.03	.03	.03	.03	.03	.05	.04	.03		.04	.02	.02	.04	.04	.03	.04	.04	.027	23	.05
21	.03	.02	.01	.02	.03	.04	.07	.08	.04	.04	.03	.02	.02	.02		.03	.05	.03	.04	.03	.04	.05	.04	.03	.035	23	.09
22	.03	.03	.02	.02	.02	.02	.04	.05	.05	.04	.03	.03	.03	.02			.03	.02	.02	.03	.04	.04	.03	.02	.029	22	.06
23	.01	.01	.01	.01	.01	.01	.02	.04	.03	.01	.01	.01	.01				.01	.00	.00	.00	.00	.00	.00	.00	.009	21	.05
24	.00											.02	.03	.02	.02	.02	.03	.02	.02	.02	.03	.02	.03	.02	.021	14	.03
25	.02	.02	.02	.02	.02	.02	.04	.05	.03	.02	.02	.02			.03	.04	.05	.04	.07	.08	.09	.15	.18	.14	.052	22	.21
26*																											
27*																											
28	.02	.01	.01	.01	.01	.01	.04	.08	.05	.05	.04	.05	.05	.07			.12	.07	.06	.06	.06	.06	.06	.05	.047	22	.14
29	.04	.04	.02	.02	.02	.05	.09	.13	.16	.16	.16	.17	.16	.16		.10	.11	.08	.07	.08	.13	.12	.14	.14	.101	23	.19
30	.11	.07	.04	.04	.05	.07	.09	.12	.13	.07	.04	.03	.03	.04		.05	.05	.04	.06	.09	.22	.43	.23	.21	.099	23	.46
MEAN	.04	.03	.02	.02	.02	.02	.04	.06	.05	.03	.03	.02	.03	.03		.02	.03	.02	.02	.03	.05	.05	.05	.05	.034		
NO	28	27	27	26	27	27	27	27	27	27	22	23	22	19	7	17	26	27	28	28	28	28	28	28		601	
MAX	.20	.18	.11	.10	.08	.07	.12	.13	.16	.16	.16	.17	.16	.16	.03	.10	.12	.08	.07	.09	.22	.43	.23	.21	.101		.46

* Indicates Saturday or Sunday

Local standard time used

Table 3-60. OCTOBER, 1964, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.31	.19	.11	.09	.05	.04	.07	.13	.09	.06	.04	.01	.01	.01			.03	.02	.02	.02	.02	.02	.02	.03	.063	22	.33
2	.04	.04	.05	.05	.05	.07	.09	.12	.12		.11	.07	.07	.08		.09	.12	.11	.08	.10	.09	.07	.03	.04	.075	22	.14
3*	.06	.03	.01	.01	.01	.01	.02	.03	.02	.02	.02	.01	.01	.01		.00	.01	.01	.02	.04	.06	.05	.06	.10	.026	23	.12
4*	.12	.10	.08	.04	.03	.02	.02	.04	.05	.02	.02	.04	.11	.09			.11	.07	.06	.06	.07	.06	.05	.03	.058	22	.17
5	.03	.02	.02	.02	.02	.02	.04	.05	.04	.03	.03	.03	.03	.03			.03	.04	.04	.04	.06	.05	.04	.06	.035	22	.07
6	.06	.06	.04	.04	.04	.05	.10	.14	.08	.04	.03	.02	.02	.02		.03	.03	.04	.11	.17	.09	.05	.04	.04	.057	23	.19
7	.02	.02	.01	.01	.01	.02	.05	.05	.04	.03	.02	.02	.02	.02		.02	.03	.03	.03	.10	.04	.06	.07	.07	.034	23	.15
8	.03	.02	.01	.01	.02	.03	.06	.09	.07	.08	.10	.09	.04	.04			.04	.03	.03	.03	.02	.05	.03	.04	.043	22	.13
9	.17	.21	.09	.08	.10	.15	.20	.31	.23	.12	.05	.02	.02	.02		.02	.02	.02	.02	.02	.05	.06	.04	.03	.088	23	.32
10*	.03	.02	.01	.01	.02	.02	.03	.05	.04	.03	.03	.02	.02	.02			.02	.02	.02	.03	.02	.01	.01	.01	.022	22	.05
11*	.01	.01	.01	.01	.00	.01	.01	.01	.01		.03	.02	.02	.02		.02	.02	.02	.03	.05	.07	.12	.19	.11	.036	22	.20
12	.13	.25	.21	.20	.15	.19	.18	.14	.13	.09	.09	.06	.04	.02			.02	.02	.03	.05	.07	.09	.08	.08	.105	22	.27
13	.07	.07	.05	.05	.05	.09	.11	.16	.12	.08	.06	.03	.02	.01			.01	.02	.12	.20	.20	.10	.11	.27	.090	22	.38
14	.17	.21	.15	.15	.15	.20	.22	.26	.16	.05	.02	.02	.01	.00		.03	.03	.05	.19	.48	.44	.44	.46	.43	.187	23	.59
15	.53	.50	.39	.31	.25	.34	.41	.44	.30	.23	.11	.05	.05	.02		.02	.02	.01	.00	.00	.00	.02	.04	.02	.175	23	.57
16	.05	.08	.12	.15	.17	.19	.20	.23	.17	.17	.10	.05	.05	.06			.03	.03	.03	.03	.03	.02	.02	.02	.089	22	.26
17*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02					.03	.02	.02	.01	.01	.01	.01	.01	.017	20	.04
18*	.01	.01	.01	.02	.01	.02	.03	.04	.03	.03		.00	.01	.01	.01	.01	.02	.03	.04	.05	.08	.07	.07	.06	.029	23	.11
19	.06	.07	.10	.08	.10	.12	.28	.30	.14	.08	.08	.07	.07	.05	.05		.06	.05	.04	.05	.05	.05	.05	.05	.089	23	.40
20	.05	.04	.06	.04	.06	.07	.10	.14	.15	.12	.10	.09	.10	.11			.07	.05	.02	.02	.01	.03	.02	.02	.067	22	.16
21																											
22										.04	.04	.03	.02	.03			.04	.06	.05	.03	.03	.04	.04	.04	.037	13	.07
23	.04	.05	.03	.03	.02	.06	.09	.14	.10	.07	.06	.03	.02	.03			.05	.05	.04	.08	.10	.09	.05	.04	.056	22	.18
24*	.03	.04	.04	.05	.05	.07	.14	.14	.10	.04	.03	.02	.02	.02	.01		.02	.02	.05	.08	.10	.11	.10	.09	.058	23	.18
25*	.11	.09	.07	.09	.13	.17	.08	.09	.05	.03	.01		.00	.00		.00	.01	.01	.03	.04	.07	.05	.09	.08	.059	22	.21
26																											
27											.16	.10	.06	.06	.06		.04	.08	.10	.09	.09	.11	.08	.09	.085	13	.17
28	.14	.37	.35	.22	.28	.19	.16	.17	.17	.15	.09	.04	.02	.01		.01	.02	.02	.02	.02		.05	.02	.02	.115	22	.46
29	.02	.01	.01			.00	.01	.03	.10	.14		.04	.02	.02		.02	.07	.09	.15	.11	.09	.09	.09	.12	.060	20	.18
30	.12	.10	.11	.07	.04	.03	.03	.04	.05	.04	.03	.03	.03	.02					.08	.13	.15	.13	.10	.08	.069	20	.18
31*	.08	.06	.03	.02	.01	.02	.05	.08	.09	.04	.01	.01	.01	.01		.02	.03	.09	.14	.14	.26	.38	.20	.12	.082	23	.41
MEAN	.09	.10	.08	.07	.07	.08	.10	.13	.10	.07	.05	.04	.03	.03			.04	.04	.06	.08	.08	.09	.08	.07	.070		
NO.	27	27	27	26	26	27	27	27	27	26	27	28	28	28	4	13	28	28	29	29	28	29	29	29		624	
MAX	.53	.50	.39	.31	.28	.34	.41	.44	.30	.23	.16	.10	.11	.11	.06	.09	.12	.11	.19	.48	.44	.44	.46	.43	.187		.59

* Indicates Saturday or Sunday

Local standard time used

Table 3-61. NOVEMBER, 1964, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX.
1*	.14	.10	.13	.12	.15	.17	.12	.09	.08	.07	.05	.03	.02	.02				.03	.03	.05	.07	.07	.07	.14	.082	21	.20
2	.16	.16	.19	.12	.11	.18	.25	.26	.25	.17	.08	.10	.10	.05		.03	.05	.08	.07	.05	.07	.06	.06	.07	.117	23	.31
3	.07	.04	.07	.09	.09	.08	.11	.19	.21	.11	.09	.08		.05		.05	.05	.07	.10	.09	.10	.06	.07	.08	.089	22	.23
4	.07	.07	.04	.06	.05	.06	.11	.12	.12	.07	.05	.05	.07			.06	.09	.10	.10	.10	.13	.04	.02	.08	.074	22	.18
5	.10	.12	.05	.07	.09	.10	.12	.16	.18	.22	.16	.10	.08	.06		.05	.09	.11	.07	.05	.03				.101	20	.27
6											.03	.03	.02	.02	.02	.03	.05	.07	.06	.04	.05	.05	.04	.05	.038	14	.08
7*	.04	.03	.04	.06	.05	.06	.06	.11	.09	.07	.04	.03	.03	.02			.02	.03	.04	.06	.08	.12	.09	.31	.067	22	.56
8*	.78	.79	.68	.56	.42	.31	.27	.21	.16	.06	.03	.02	.02	.02		.02	.02	.04	.15	.28	.22	.17	.08	.08	.234	23	.87
9	.08	.07	.05	.05	.04	.03	.05	.14	.14	.08	.05	.04	.03	.01		.03	.06	.12	.19	.28	.32	.39	.37	.29	.126	23	.45
10	.08	.04	.07	.11	.11	.10	.12	.15	.16	.11	.07	.02	.01	.01		.01	.02	.05	.07	.10	.08	.10	.05	.04	.072	23	.20
11	.06	.05	.09	.07	.07	.07	.06	.13	.14	.12	.12	.11	.10	.05		.02	.02	.03	.03	.04	.05	.04	.06	.11	.070	23	.16
12	.31	.33	.39	.47	.24	.29	.38	.39	.26	.22	.17	.19	.08	.04		.02	.03	.05	.04	.09	.10	.08	.10	.06	.187	23	.61
13	.05	.07	.12	.03	.04	.05	.08	.09	.10	.11	.10	.03	.02	.01		.01	.02	.05	.07	.05	.04	.04	.05	.04	.054	23	.14
14*	.03	.03	.02	.01	.01	.01	.02	.03	.03	.03	.02			.02	.02	.03	.04	.12	.18	.17	.38	.47	.37	.48	.114	22	.77
15*	.63	.52	.48	.70	.53	.43	.41	.43	.33	.24	.14	.08	.01	.02		.01	.03	.06	.09	.09	.12	.08	.10	.11	.244	23	.77
16	.12	.09	.05	.05	.07	.09	.07	.09	.10	.13	.18	.12	.09	.11		.18	.20	.18	.14	.09	.05	.04	.04	.03	.100	23	.22
17	.03	.03	.02	.02	.02	.03	.02	.04			.03	.03	.02	.03	.02	.03	.05	.08	.09	.08	.13	.15	.10	.04	.049	22	.18
18	.03	.02	.02	.02	.02	.02	.04	.09	.08	.05	.04	.03	.02	.02		.03	.04	.07	.08	.12	.15	.18	.25	.16	.068	23	.26
19	.08	.04	.06	.07	.06	.05	.06	.12	.17	.14	.11	.14	.10	.08		.09	.12	.23	.11	.06	.04	.07	.06	.04	.091	23	.26
20	.04	.03	.03	.04	.06	.05						.05	.03	.03	.03	.04	.06	.09	.07	.07	.07	.13	.24	.11	.066	19	.29
21*	.10	.06	.10	.10	.06	.05	.06	.07	.04	.02	.02	.02	.02	.02				.03	.03	.03	.04	.04	.04	.04	.046	21	.15
22*	.05	.05	.05	.05	.04	.05	.05	.05								.02	.04	.04	.03	.04	.05	.06	.06	.07	.046	17	.08
23	.08	.08	.06	.07	.10	.08	.11	.15	.14	.11	.07	.05	.05	.05	.01		.09	.11	.12	.12	.13	.14	.15	.14	.095	23	.18
24	.10	.15	.26	.29	.21	.12	.15	.18	.18	.19	.15	.08	.05	.03	.01	.04	.06	.07	.11	.08	.07				.122	21	.33
25																											
26																											
27		.01	.01	.01	.01	.02	.02	.10	.14		.03	.05	.04	.03	.03	.04	.05	.07	.08	.10	.12	.14	.16	.19	.066	22	.21
28*	.17	.14	.10	.08	.08	.08	.09	.09	.09	.09	.06		.01	.01			.04	.06	.07	.09	.12	.07	.05	.04	.077	21	.19
29*	.04	.04	.06	.05	.05	.04								.01	.02	.02	.03	.03	.04	.08	.05	.05	.05	.04	.040	17	.11
30	.04	.02	.02	.01	.01	.01	.02	.03	.06	.05	.04	.04	.03	.03		.04	.05	.07	.05	.04	.03	.03	.03	.03	.033	23	.08
MEAN	.13	.12	.12	.12	.10	.10	.11	.14	.14	.11	.08	.06	.04	.03		.04	.05	.08	.08	.09	.10	.11	.11	.11	.094		
NO.	26	27	27	27	27	27	25	25	23	22	25	24	24	26	8	23	26	28	28	28	28	26	26	26		602	
MAX	.78	.79	.68	.70	.53	.43	.41	.43	.33	.24	.18	.19	.10	.11	.03	.18	.20	.23	.19	.28	.38	.47	.37	.48	.244		.87

* Indicates Saturday or Sunday

Local standard time used

Table 3-62. DECEMBER, 1964, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.03	.02	.03	.03	.03	.03	.03	.05	.07	.06	.05		.06	.04	.02	.03	.06	.04	.03	.03	.03	.03	.03	.03	.036	18	.07
2	.03	.03	.03	.03	.03	.03	.04	.07	.08	.08	.07	.07	.11	.11			.09	.06	.06	.06	.06	.07	.07	.06	.051	24	.09
3	.03	.02	.01	.01	.02	.02	.08	.10	.13	.09	.09	.11	.14	.15		.18	.23	.18	.19	.11	.10	.08	.09	.10	.085	22	.28
4	.09	.08	.07	.06	.08	.09	.10	.14	.17	.14	.14	.13	.09	.07			.09	.26	.26	.22	.18	.16	.13	.12	.144	23	.28
5*	.12	.13	.12	.11	.10	.10	.10	.11	.10	.10	.10	.10						.08	.09	.13	.14	.14	.13	.11	.107	22	.15
6*	.09	.07	.07	.05	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03		.02		.04	.03	.03	.03	.03	.03	.03	.034	22	.11
7	.02	.01	.01	.02	.02	.02	.04	.08	.09	.06	.04	.04	.03	.03		.03	.05	.05	.05	.06	.12	.08	.10	.14	.051	23	.21
8	.07	.05	.09	.11	.13	.11	.05	.05	.08	.08	.05	.03	.03	.03		.02	.02	.04	.04	.03	.05	.08	.06	.04	.053	23	.19
9	.03	.06	.06	.07	.07	.06	.06	.08	.11	.07	.05	.04	.03	.03		.03	.05	.08	.06	.05	.04	.06	.07	.05	.055	23	.12
10	.03	.04	.03	.02	.01	.02	.04	.15	.23	.19	.14	.13	.13	.15		.08	.09	.07	.10	.11	.11	.12	.06	.05	.091	23	.27
11	.05	.06	.05	.05	.05	.03	.03	.06	.07	.07	.04	.02	.02	.02			.03	.07	.05	.04	.04	.03	.02	.02	.041	22	.09
12*	.07	.07	.06	.07	.04	.02	.03	.07	.15	.17	.19	.18	.23	.13		.10	.13	.28	.21	.15	.35	.34	.18	.19	.147	23	.48
13*	.25	.36	.23	.17	.16	.15	.20	.21	.16	.13	.11	.11	.07	.05		.03	.03	.03	.03	.03	.05	.04	.03	.03	.114	23	.43
14	.02	.01	.01	.00	.00	.00	.01	.05	.05		.04	.03	.02				.03	.04	.08	.07	.07	.07	.06	.06	.036	20	.10
15	.05	.02	.01	.01	.01	.00	.01	.02	.03	.03	.02	.02	.02	.02		.02	.03	.04	.03	.03	.03	.03	.03	.03	.023	23	.06
16	.03	.03	.02	.02	.02	.02	.05	.09	.15	.09	.04	.04	.02	.02			.02	.04	.04	.04	.05	.03	.06	.07	.045	22	.20
17	.05	.04	.03	.02	.01	.01	.03	.07	.08	.07	.06	.04	.04			.04	.08	.09	.09	.08	.12	.09	.11	.10	.061	22	.14
18	.08	.05	.03	.01	.00	.00	.01	.02	.03	.05	.05	.03	.03	.02		.02	.04	.03	.02	.02	.02	.02	.02	.02	.026	23	.09
19*	.04	.04	.03	.03	.02	.03	.02	.03	.04	.03	.03	.02	.02	.02			.03	.03	.03	.05	.05	.04	.02	.02	.031	22	.06
20*	.03	.03	.02	.02	.02	.02	.03	.04	.06	.06	.04	.04	.03	.03											.034	14	.07
21									.09	.07	.06	.04	.03	.04		.05	.07	.10	.07	.05	.08	.05	.03	.05	.058	15	.10
22	.04	.05	.05	.04	.04	.03	.07	.13	.18	.13	.13	.12	.08	.06			.06	.18	.20	.30	.21	.24	.24	.13	.122	22	.38
23	.09	.07	.07	.06	.07	.05	.04	.08	.11	.07	.04	.03	.03		.03	.04	.04	.03	.02	.03	.03	.03	.02	.01	.047	23	.12
24	.03	.04	.03	.02	.02	.02	.05	.08	.08	.07	.06	.06	.06	.07	.05	.12	.13	.17	.17	.19	.24	.24	.20	.20	.100	24	.27
25	.18	.10	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.00	.00		.00	.01	.04	.02	.02	.04	.21	.51	.58	.080	23	.63
26*	.27	.13	.09	.07	.05	.04	.02	.01	.01	.01	.01	.01	.00	.00			.03	.05	.07	.06	.05	.02	.04	.06	.050	22	.48
27*	.16	.15	.10	.10	.06	.02	.01	.01	.01	.03	.03	.03	.03		.01		.03	.05	.03	.02					.048	18	.21
28												.01	.02	.02	.02	.02	.03	.04	.03	.01	.01	.01	.01	.01	.017	13	.05
29	.00	.00	.00	.00	.00	.00	.00	.02	.04	.04	.04	.04	.05	.04		.03	.04	.06	.05	.06	.05	.06	.05	.05	.031	23	.07
30	.03	.03	.03	.03	.04	.05	.07	.04	.06	.05	.06	.06	.06	.06		.09		.11	.11	.13	.16	.08	.10	.09	.069	22	.17
31	.09	.10	.03	.02	.01	.00	.01	.02	.03	.03	.02	.02	.01	.01		.01	.02	.04	.04	.01	.03	.03	.02	.01	.027	23	.12
MEAN	.07	.06	.05	.04	.04	.04	.04	.06	.08	.07	.06	.05	.05	.05		.05	.06	.08	.08	.07	.09	.09	.09	.08	.063		
NO	29	29	29	29	29	29	29	29	30	29	30	30	30	26	5	20	27	30	30	30	29	29	29	29		665	
MAX	.27	.36	.23	.17	.16	.15	.20	.21	.23	.19	.19	.18	.23	.15	.05	.18	.23	.28	.26	.30	.35	.34	.51	.58	.147		.63

* Indicates Saturday or Sunday

Local standard time used

Table 3-63. JANUARY, 1965. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS.	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.01	.01			.02	.02	.03	.05	.05	.06	.07	.04	.04	.04	.022	22	.08
2*	.05	.05	.08	.06	.07	.06	.03	.01	.02		.05	.06	.07	.08	.08	.10	.13	.17	.15	.16	.12	.10	.09	.07	.081	23	.19
3*	.05	.02	.02	.01	.01	.01	.00	.00	.00	.00			.01	.01	.01		.02	.02	.01	.01	.01	.02	.02	.02	.012	21	.07
4	.01	.00	.00	.00	.00	.00	.01	.03	.05	.04	.03	.02	.02	.03			.04	.08	.09	.08	.07	.07	.04	.03	.034	22	.11
5	.04	.03	.03	.03	.02	.03	.06	.09	.18	.18	.13	.09	.06	.10		.09	.10	.10	.12	.11	.14	.13	.15	.16	.093	23	.21
6	.09	.04	.02	.01	.01	.02	.02	.11	.16		.04	.04	.03	.03	.03	.04	.04	.09	.10	.13	.17	.17	.25	.55	.095	23	.79
7	.79	.67	.54	.40	.41	.38	.44	.60	.89	.75	.46	.15	.07	.03			.04	.06	.04	.03	.02	.02	.02	.02	.310	22	1.03
8	.03	.01	.00	.00	.00	.00	.01	.02	.03	.03	.03	.04	.06	.07			.10	.14	.15	.13	.14	.15	.18	.14	.065	22	.19
9*	.14	.13	.11	.10	.10	.07	.08	.08	.07	.08	.08	.09	.04	.05		.03	.06	.05	.05	.04	.04	.03	.02	.03	.068	23	.16
10*	.02	.02	.01	.01	.00	.00	.00	.01	.01	.01	.02	.03	.03	.03		.03	.02	.01	.01	.01	.01	.01	.01	.01	.013	23	.04
11	.01	.01	.00	.00	.01	.01	.03	.07	.11							.03	.02	.04	.06	.09	.09	.09	.11	.10	.048	18	.12
12	.08	.07	.06	.05	.05	.04	.06	.09	.12	.13	.14	.11	.08	.08		.05	.05	.08	.09	.11	.33	.35	.35	.42	.130	23	.47
13	.52	.49	.25	.34	.37	.34	.37	.45	.32	.21	.14	.08	.06	.04		.03	.03	.04	.03	.06	.08	.05	.05	.04	.191	23	.54
14	.04	.03	.02	.01	.00	.00	.01	.03	.04	.02	.01	.02	.01	.01		.02	.02	.04	.04	.04	.03	.01	.01	.01	.020	23	.05
15	.01	.01	.00	.00	.00	.00	.01	.03	.06	.08	.08	.09	.09	.09		.05	.07	.09	.06	.06	.07	.05	.05	.05	.047	23	.11
16*	.07	.06	.04	.02	.01	.01	.01	.01	.01	.02	.01	.02	.02	.02			.01	.01	.01	.01	.01	.01	.00	.00	.017	22	.07
17*	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01		.01	.02	.02	.03	.03	.04	.04	.04	.07	.015	23	.08
18	.07	.09	.09	.06	.03	.05	.05	.10	.16	.17	.11	.06	.04	.02		.02	.03	.04	.05	.04	.04	.04	.03	.02	.061	23	.19
19	.02	.01	.01	.01	.01	.01	.02	.04	.06	.06	.04	.03	.02	.02		.02	.03	.04	.03	.04	.07	.04	.03	.02	.028	23	.07
20	.02	.05	.02	.01	.00	.03	.06	.10	.09	.05	.05	.03	.03	.05											.042	14	.13
21				.03	.03	.02	.03	.03	.05	.03	.01	.01	.00	.00			.00	.01	.03	.03	.03	.05	.05	.05	.025	19	.06
22	.04	.03	.02	.02	.02	.03	.04	.07	.08	.10	.08	.08	.08	.06		.05	.09	.11	.10	.09	.13	.16	.13	.23	.079	23	.39
23*	.57	.29	.22	.19	.15	.08	.05	.03	.03	.03	.05	.06	.05	.04		.03	.03	.05	.04	.04	.03	.02	.02	.03	.092	23	.73
24*	.03	.03	.03	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.04		.06	.06	.05	.05	.05	.04	.03	.03	.04	.031	23	.07
25	.04	.03	.02	.02	.02	.03	.05	.06	.09	.07	.05	.05	.04	.03		.04	.05	.09	.09	.07	.09	.13	.21	.36	.075	23	.47
26	.16	.11	.13	.23	.17	.08	.10	.12	.13	.11	.06	.04	.03	.04		.01	.03	.06	.08	.09	.08	.09	.12	.08	.093	23	.31
27	.03	.02	.01	.01	.01	.01	.01	.03	.05	.04	.03	.02	.02	.02		.03		.07	.04	.02	.01	.01	.01	.01	.023	22	.09
28	.01	.00	.01	.01	.01	.01	.05	.12	.08	.05	.05	.07	.05	.05		.04	.07	.08	.09	.08	.04	.03	.02	.02	.044	23	.13
29	.01	.01	.01	.01	.01	.01	.02	.05	.08	.09	.06	.05	.04	.03		.03	.04	.05	.06	.04	.04	.03	.02	.02	.034	23	.09
30*	.03	.02	.02	.01	.01	.01	.01	.02	.05	.09	.11	.10	.09	.08			.05	.05	.05	.07	.09	.10	.09	.11	.056	22	.13
31*	.09	.09	.08	.06	.06	.05	.05	.08	.07	.03	.02	.02	.02	.02		.02	.02	.03	.05	.05	.05	.04	.04	.04	.046	23	.11
MEAN	.10	.08	.06	.06	.05	.05	.05	.08	.10	.09	.07	.05	.04	.04		.04	.04	.06	.06	.06	.07	.07	.07	.09	.065		
NO	30	30	30	31	31	31	31	31	31	28	29	29	29	29	4	23	29	30	30	30	30	30	30	30		686	
MAX	.79	.67	.54	.40	.41	.38	.44	.60	.89	.75	.46	.15	.09	.10	.08	.10	.13	.17	.15	.16	.33	.35	.35	.55	.310		1.03

* Indicates Saturday or Sunday

Local standard time used

Table 3-64. FEBRUARY, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.04	.04	.03	.03	.03	.04	.07	.09	.12	.14	.06	.05	.03	.02		.02	.02	.03	.02	.01	.02	.02	.03	.04	.043	23	.18
2	.06	.03	.02	.02	.02	.01	.02	.03	.05	.04	.03	.03	.03	.02		.02	.02	.03	.04	.03	.03	.02	.02	.02	.028	23	.07
3	.02	.02	.01	.01	.01	.02	.02	.05	.06	.04	.03	.02	.02	.02		.03	.03	.04	.04	.04	.05	.06	.05	.04	.031	23	.07
4	.03	.02	.02	.02	.01	.01	.05	.09	.11	.06	.03	.02	.02	.02		.02	.02	.04	.04	.03	.02	.04	.03	.03	.034	23	.12
5	.02	.01	.02	.02	.02	.02	.04	.06	.10	.06	.12	.11	.07	.04			.02	.02	.02	.03	.04	.04	.03	.04	.043	22	.15
6*	.10	.07	.03	.06	.05	.05	.09	.14	.13	.12	.12	.11	.10	.07		.07	.08	.08	.39	.14	.12	.09	.07	.09	.102	23	.56
7*	.06	.05	.15	.11	.06	.04	.03	.04	.05	.06	.09	.11	.12	.13		.04	.03	.03	.02	.01	.01	.01	.01	.01	.055	23	.19
8	.00	.00	.02	.04	.05	.07	.07	.08	.14	.13	.18	.10	.04	.03		.03	.06	.11	.12	.11	.06	.05	.04	.04	.067	23	.20
9	.02	.01	.01	.01	.01	.01	.01	.04	.07	.06	.04	.05	.08	.08		.05	.06	.05	.04	.03	.02	.02	.02	.02	.036	23	.09
10	.01	.01	.01	.00	.01	.01	.02	.05	.07	.11	.09	.06	.06	.07		.09	.09	.12	.12	.13	.17	.25	.27	.17	.087	23	.34
11	.13	.09	.06	.05	.04	.03	.10	.15	.17	.18	.16	.09	.05	.04		.07		.15	.14	.10	.08	.08	.07	.05	.093	22	.19
12	.04	.03	.01	.01	.01	.01	.02	.05	.14	.13	.12	.21	.31	.41		.46	.60	.64	.69	.20	.21	.17	.14	.12	.205	23	.94
13*	.06	.04	.02	.01	.01	.00	.01	.01	.01	.02	.02	.02	.02	.02		.02	.03	.03	.03	.04	.04	.03	.02	.02	.023	23	.08
14*	.02	.01	.01	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.03		.03	.03	.04	.02	.03	.03	.02	.02	.02	.016	23	.06
15	.02	.04	.03	.02	.04	.04	.06	.12	.15	.10	.07	.05	.05	.05		.05	.04	.08	.07	.07	.08	.06	.08	.08	.062	23	.17
16	.09	.06	.07	.07	.05	.08	.08	.14	.14	.11	.07	.10	.09	.09		.06	.08	.08	.10	.09	.13	.07	.06	.04	.085	23	.17
17	.05	.05	.05	.02	.01	.01	.02	.04	.07	.08	.06	.03	.03	.07		.07	.03	.04	.03	.02	.02	.02	.02	.02	.037	23	.09
18	.01	.01	.01	.00	.02	.03	.04	.07	.08	.07	.04	.02	.02	.01		.02	.02	.04	.05	.03	.03	.03	.03	.01	.029	23	.09
19	.01	.01	.00	.00	.00	.00					.02	.01		.02		.03	.03	.03	.02	.02	.02	.01	.01	.01	.013	18	.04
20*	.01	.01	.01	.00	.01	.01	.01	.01	.02	.02	.02	.01	.02	.02		.02	.03	.02	.02	.02	.03	.03	.06	.03	.019	23	.07
21*	.03	.02	.01	.01	.01	.03	.03	.04	.04	.03	.05	.04	.03	.02			.03	.04	.06	.04	.07	.07	.07	.06	.038	22	.09
22	.05	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.02	.03	.03	.03	.021	23	.07
23	.02	.01	.01	.01	.01	.01	.02	.05	.06	.05	.03	.03	.03	.03				.05	.06	.05	.06	.06	.07	.10	.039	21	.13
24	.10	.07	.03	.02	.05	.03	.06	.11	.16	.11	.07	.04	.03	.03		.03	.03	.05	.04	.03	.03	.03	.02	.04	.052	23	.17
25	.05	.02	.01	.01	.01	.03	.04	.08	.11	.12	.11	.09	.02	.02		.03	.04	.05	.03	.02	.01	.01	.01	.01	.039	23	.15
26	.01	.01	.01	.00	.00	.01	.01	.02	.03	.03	.02	.02	.02	.02		.02	.02	.04	.03	.02	.02	.02	.02	.01	.018	23	.05
27*	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02		.03	.03	.05	.05	.07	.08	.08	.05	.06	.032	23	.10
28*	.07	.11	.14	.19	.28	.34	.29	.22	.15	.13	.05	.02	.02	.01			.02	.02	.03	.02	.02	.01	.01	.01	.098	22	.39
MEAN	.04	.03	.03	.03	.03	.03	.05	.07	.08	.08	.06	.05	.05	.05		.05	.06	.07	.08	.05	.05	.05	.05	.04	.052		
NO	28	28	28	28	28	28	27	27	27	27	28	28	27	28		24	26	28	28	28	28	28	28	28		633	
MAX	.13	.11	.15	.19	.28	.34	.29	.22	.17	.18	.18	.21	.31	.41		.46	.60	.64	.69	.20	.21	.25	.27	.17	.205		.94

* Indicates Saturday or Sunday

Local standard time used

Table 3-65. MARCH, 1965. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.01	.00	.00	.00	.00	.01	.02	.06	.07	.04	.03	.02	.02	.02		.02	.02	.04	.04	.04	.05	.06	.08	.10	.032	23	.12
2	.08	.06	.02	.02	.02	.03	.11	.17	.16	.06	.05	.06	.03	.04		.05	.07	.12	.08	.07	.02	.03	.05	.07	.063	23	.22
3	.09	.12	.13	.21	.19	.17	.15	.11	.23	.10				.06		.05	.07	.11	.14	.05	.04	.04	.04	.04	.106	20	.26
4	.06	.07	.06	.07	.09	.10	.10	.11	.16	.13	.08	.08	.03	.02			.02	.03	.02	.03	.02	.03	.03	.02	.059	22	.17
5	.02	.01	.01	.01	.01	.01	.03	.05	.06	.08	.09	.07	.06	.04		.07	.08	.07	.05	.03	.03	.02	.02	.02	.040	23	.11
6*	.02	.02	.02	.04	.04	.04	.04	.03		.06	.03	.03	.02	.01			.02	.03	.02	.03	.05	.04	.03	.03	.031	21	.07
7*	.03	.03	.02	.01	.00	.00	.00	.01	.01	.01	.00		.00	.01		.01	.02	.01	.02	.04	.04	.05	.06	.05	.020	22	.07
8	.06	.04	.04	.04	.03	.04	.05	.07	.09	.09	.07	.04	.04	.02		.02	.04	.05	.06	.06	.05	.05	.03	.03	.048	23	.11
9	.03	.02	.02	.01	.01	.02	.06	.07	.07	.07	.04	.03	.02	.02		.03	.04	.04	.04	.04	.03	.03	.04	.04	.035	23	.09
10	.04	.05	.06	.03	.01	.01	.02	.04	.05	.04	.03	.03	.03	.03		.02	.03	.03	.03	.03	.02	.02	.02	.02	.030	23	.07
11	.02	.01	.01	.00	.00	.00	.01	.02	.04	.03	.02	.02	.01	.02			.06	.03	.02	.03	.03	.03	.03	.03	.021	22	.08
12	.02	.01	.01	.01	.00	.01	.03	.04	.05	.04	.02	.02	.02	.02		.01	.02	.03	.04	.05	.06	.04	.03	.03	.026	23	.07
13*	.02	.02	.01	.01	.01	.01	.03	.05	.03	.03	.02	.02	.02	.02				.02	.02	.02	.04	.04	.04	.06	.024	21	.07
14*	.06	.05	.04	.03	.04	.03	.02	.06	.05		.02	.01	.01	.01		.01	.02	.02	.03	.02	.01	.01	.01	.01	.026	22	.08
15	.01	.02	.01	.01	.00	.00	.01	.03	.03	.04	.02	.02	.02	.02		.02	.03	.05	.05	.03	.02	.03	.03	.03	.023	23	.06
16	.03	.02	.02	.02	.02	.04	.05	.10	.09	.08	.05	.03	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.031	24	.12
17	.02	.02	.02	.01	.01	.01	.03	.08	.06	.05	.06	.07	.04	.02		.03	.05	.10	.08	.04	.02	.01	.03	.03	.037	23	.11
18	.03	.03	.01	.01	.01	.01	.02	.04	.10	.11	.06	.07	.05	.06		.02	.07	.16	.10	.12	.13	.05	.06	.04	.060	23	.19
19	.08	.05	.05	.04	.02	.01	.02	.05	.10	.08	.05	.03	.02	.02				.02	.02	.02	.03	.02	.03	.02	.036	21	.12
20*	.02	.02	.01	.01	.01	.01	.01	.02	.03	.05	.05	.04	.04	.04		.03	.03	.04	.03	.03	.05	.04	.04	.03	.029	23	.06
21*	.02	.02	.02	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01			.01	.02	.03	.03	.03	.04	.03	.02	.017	22	.05
22	.02	.01	.01	.01	.01	.01	.02	.03	.05	.07	.04	.03	.03	.02		.01	.01	.02	.01	.01	.01	.02	.06	.07	.026	23	.09
23	.08	.08	.05	.09	.07	.11	.12	.11	.13	.10	.05	.03	.05	.04		.03	.04	.12	.12	.05	.04	.03	.03	.03	.069	23	.17
24	.08	.08	.06	.04	.02	.01	.01	.03	.04	.04	.03	.03	.02	.04		.04	.09	.11	.10	.08	.06	.08	.06	.06	.051	23	.14
25	.05	.04	.02	.01	.01	.04	.05	.03	.06	.08	.07	.11	.08	.06		.04	.06	.07	.03	.03	.03	.02	.03	.02	.044	23	.13
26	.02	.01	.01	.03	.02	.01	.03	.08	.09	.09	.06	.08	.08	.11			.06	.09	.08	.06	.05	.06	.07	.08	.057	22	.14
27*	.06	.03	.02	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02	.02	.04	.05	.12	.07	.04	.027	22	.16
28*	.04	.05	.04	.05	.04	.02	.02	.03	.02	.01	.01	.01	.01	.01		.01	.01	.02	.02	.03	.01	.02	.03	.03	.023	23	.06
29	.03	.03	.02	.01	.01	.02	.02	.02	.06	.07	.07	.06	.06	.06	.03	.05	.07	.09	.06	.05	.03	.02	.03	.04	.041	24	.10
30	.04	.04	.05	.05	.02	.01	.01	.02	.02	.02	.02	.02	.02	.01		.02	.02	.03	.02	.02	.02	.03	.02	.01	.022	23	.06
31	.01	.00	.00	.00	.00	.00	.01	.02	.03	.02	.02	.02	.02	.02		.02	.02	.03	.02	.03	.03	.04	.04	.03	.018	23	.04
MEAN	.04	.03	.03	.03	.02	.02	.04	.05	.07	.06	.04	.04	.03	.03		.03	.04	.05	.05	.04	.04	.04	.04	.04	.038		
NO	31	31	31	31	31	31	31	31	30	30	30	29	30	31	2	23	29	31	31	31	31	31	31	31		699	
MAX	.09	.12	.13	.21	.19	.17	.15	.17	.23	.13	.09	.11	.08	.11	.03	.07	.09	.16	.14	.12	.13	.12	.08	.10	.106		.26

* Indicates Saturday or Sunday

Local standard time used

Table 3-66. APRIL, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5-MIN. MAX
	2-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.02	.01	.01	.00	.01	.02	.04	.05	.05	.03	.02	.02	.01			.03	.03	.03	.02	.01	.01	.01	.01	.020	22	.06
2	.02	.01	.02	.01	.01	.01	.02	.06	.08	.05	.06	.05	.04	.04		.03	.04	.06	.04	.04	.01	.01	.00	.00	.029	23	.09
3*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.02	.02	.02	.02	.02	.02	.02	.02	.007	22	.03
4*	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.00	.01	.01	.01	.03	.06	.05	.04	.02	.017	23	.08
5	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.02	.01	.01		.02	.03	.02	.03	.05	.07	.06	.07	.026	23	.10
6	.10	.17	.05	.01	.01	.01	.01	.01	.03		.06	.06	.03	.02		.02	.03	.04	.02	.02	.02	.02	.03	.03	.037	22	.24
7	.02	.01	.01	.00	.00	.00	.00	.02	.03	.04	.04	.03	.02	.02		.02	.02	.03	.03	.04	.04	.03	.02	.02	.021	23	.05
8	.01	.02	.01	.02	.02	.02	.03	.04	.10	.12	.06	.06	.06	.06		.04	.02	.03	.07	.08	.05	.02	.04	.02	.043	23	.16
9	.01	.01	.01	.01	.00	.00	.00	.01	.03	.06	.03	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.09
10*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.02	.03		.04	.03	.014	21	.06
11*	.03	.03	.04	.04	.03	.03	.02	.02	.02	.01	.01	.01	.00	.00		.00	.01			.01	.01	.02	.01	.01	.016	21	.04
12	.01	.00	.00	.00	.00	.00	.02	.06	.04	.04	.04	.03	.02	.01		.00	.01	.01	.01	.01	.01	.01	.01	.01	.014	23	.07
13	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01		.01	.01	.02	.02	.01	.01	.01	.01	.01	.008	23	.02
14	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01	.01		.02	.02	.03	.03	.05	.05	.04	.04	.06	.019	23	.08
15	.10	.11	.06	.09	.07	.07	.04	.11	.05	.03	.03	.03	.02	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.039	23	.15
16	.01	.01	.01	.02	.01	.02	.03	.04	.03	.03	.02	.02	.02	.01		.01	.02	.02	.02	.01	.01	.02	.01	.02	.017	23	.04
17*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.00	.00	.02	.02	.02	.03	.011	23	.05
18*	.05	.05	.03	.01	.01	.00	.00	.00	.01	.01	.01		.02	.02			.02	.01	.02	.01	.02	.02	.02	.03	.016	21	.06
19	.03	.02	.02	.01	.02	.04	.06	.08	.11	.11	.10	.07	.10	.14			.12	.10	.08	.06	.06	.04	.05	.04	.067	22	.17
20	.04	.02	.02	.02	.02	.02	.02	.04	.07	.06	.04	.04	.05	.05		.04	.06	.04	.04	.02	.03	.04	.06	.07	.039	23	.09
21	.07	.05	.05	.07	.12	.17	.14	.14	.13	.08	.06	.02	.02	.01		.00	.01	.01	.01	.01	.01	.01	.00	.00	.051	23	.24
22	.00	.00	.02	.04	.03	.01	.01	.03	.04	.02	.01	.01	.01	.01		.01	.02	.02	.02	.03	.03	.02	.02	.03	.019	23	.05
23	.03	.04	.03	.01	.03	.05	.05	.06	.07	.07	.06	.07	.05	.08		.04		.14	.14	.09	.07	.05	.05	.04	.058	22	.16
24*	.05	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.01	.01	.01	.01	.01	.01	.00	.01	.01	.017	23	.05
25*	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.02	.01	.01	.01	.01	.009	22	.03
26	.01	.02	.02	.01	.02	.02	.03	.03		.05	.05	.04	.05	.05	.02	.03	.03	.03	.05	.02	.06	.08	.05	.04	.035	23	.13
27	.02	.02	.02	.02	.02	.03	.06	.09	.08	.08	.07	.04	.04	.05		.02	.03	.04	.04	.05	.06	.05	.03	.02	.042	23	.11
28	.01	.02	.01	.01	.01	.02	.04	.05	.04	.03	.02	.03	.02	.02	.01		.02	.02	.03	.03	.03	.03	.03	.03	.024	23	.06
29	.03	.02	.02	.02	.02	.02	.02	.02		.03	.02	.02	.02	.02		.01	.02	.01	.02	.03	.04	.07	.09	.18	.034	22	.26
30	.44	.35	.11	.11	.12	.10	.09	.10	.04	.02	.01	.01	.01	.00		.00	.01	.01	.01	.01	.02	.02	.01	.01	.070	23	.52
MEAN	.04	.04	.02	.02	.02	.02	.03	.04	.04	.04	.03	.03	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.028		
NO	30	30	30	30	30	30	30	30	28	29	30	29	30	30	3	22	29	29	29	30	30	29	30	30		677	
MAX	.44	.35	.11	.11	.12	.17	.14	.14	.13	.12	.10	.07	.10	.14	.02	.04	.12	.14	.14	.09	.07	.08	.09	.18	.070		.52

* Indicates Saturday or Sunday

Local standard time used

Table 3-67 MAY, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.01	.00	.00	.00	.01	.02	.01	.02	.02	.02	.02	.02	.01		.01	.01	.01	.01	.01	.01	.02	.01	.03	.012	23	.04
2*	.02	.04	.04	.05	.05	.04	.05	.09	.09	.04	.01	.01	.01	.01			.00	.00	.00	.01	.01	.01	.01	.00	.026	22	.10
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2		1	2	2	2	2	2	2	2	2			
NO																										45	
MAX	.02	.04	.04	.05	.05	.04	.05	.09	.09	.04	.02	.02	.02	.01		.01	.01	.01	.01	.01	.01	.02	.01	.03	.026		.10

* Indicates Saturday or Sunday
Local standard time used

Table 3-71. OCTOBER, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.02	.01	.01	.01	.00	.01	.02	.02	.01	.01			.01		.01	.01	.01	.03	.04	.03	.03	.02	.02	.017	21	.06
2*	.01	.01	.01	.01	.01	.02	.04	.02	.02	.01	.02	.02	.02	.02		.02	.02	.03	.06	.09	.16	.16	.15	.15	.046	23	.19
3*	.12	.07	.04	.04	.05	.05	.05	.03	.02	.01	.00	.01	.01	.01			.02	.01	.02	.02	.02	.03	.01	.01	.030	22	.16
4	.01	.00	.00	.00	.01	.02	.05	.06	.04	.03	.03	.02	.02	.02		.03	.03	.03	.03	.02	.02	.02	.01	.01	.022	23	.07
5	.01	.01				.03	.07	.07	.05	.04	.03	.03	.02	.02			.05	.05	.10	.11	.26	.27	.28	.19	.089	19	.35
6	.10	.05	.05	.09	.11	.20	.22	.12		.05	.03	.02	.01	.01			.03	.04	.04	.05	.05	.04	.04	.04	.065	21	.24
7	.02	.07	.06	.05	.05	.11	.21	.26	.20	.14	.06	.02	.04	.03		.04	.05	.03	.02	.01	.01	.03	.05	.06	.070	23	.28
8	.02	.01	.02	.03	.06	.05	.10	.10	.10	.09						.02	.05	.04	.03	.07	.09	.11	.11	.11	.063	19	.14
9*	.10	.07	.04	.04	.07	.11	.16	.16	.09	.07	.05	.05	.02	.02		.03	.05	.06	.06	.07	.07	.06	.04	.04	.065	23	.18
10*	.04	.04	.04	.05	.06	.06	.06	.05	.04	.03	.02	.02	.02	.02		.04	.04	.03	.05	.07	.11	.13	.10	.06	.050	23	.15
11	.05	.04	.04	.03	.03	.05	.09	.12	.07	.04	.03	.02	.02	.02		.01	.03	.05	.08	.08	.05	.06	.02	.04	.046	23	.13
12	.01	.00	.00	.00	.03	.04	.06	.08	.07	.07	.05	.04	.03	.02		.01	.03	.03	.05	.08	.09	.10	.06	.06	.044	23	.12
13	.03	.03	.02	.04	.04	.10	.29	.25	.13	.06	.04	.03	.02	.02			.06	.04	.08	.08	.10	.09	.09	.10	.078	22	.38
14	.05	.07	.05	.05	.08	.09	.23						.02	.02		.01	.02	.01	.02	.01	.02	.02	.02	.01	.044	18	.30
15	.01	.00	.00	.01	.05	.06	.09	.07	.06	.02	.01	.01	.03	.03			.02	.01	.01	.02	.03	.06	.05	.08	.034	22	.11
16*	.07	.05	.03	.01	.02	.05	.06	.05	.03	.02	.01	.01	.01	.01		.01	.01	.02	.02	.02	.01	.01	.02	.02	.024	23	.10
17*	.01	.01	.01	.01	.00	.01	.01	.02	.03	.02	.02	.03	.02	.02		.02	.03	.02	.02	.01	.01	.02	.02	.02	.018	23	.03
18	.07	.25	.21	.17	.21	.24	.34	.40	.41	.15	.06	.05	.04	.04			.02	.02	.03	.24	.27	.19	.09	.11	.164	22	.47
19	.05	.04	.03	.02	.04	.11	.17	.20	.14	.08	.05	.02	.01	.01		.01	.03	.04	.18	.20	.27	.27	.22	.12	.100	23	.35
20	.09	.17	.26	.23	.27	.33	.37	.36	.32	.17	.07	.03	.01	.01			.02	.05	.13	.03	.02	.03	.06	.03	.138	22	.42
21	.35	.29	.19	.15	.12	.09	.15	.17	.19	.13	.11	.08	.06	.07			.03	.03	.03	.02	.02	.04	.05	.05	.109	22	.44
22	.04	.03	.02	.01	.03	.05	.09	.12	.10	.11	.07	.05	.04	.04			.05	.04	.02	.03	.01	.02	.02	.06	.047	22	.14
23*	.06	.04	.03	.03	.03	.03	.05	.06	.05	.02	.02	.02	.02	.01		.01	.02	.03	.03	.03	.04	.04	.04	.05	.032	23	.07
24*	.04	.03	.03	.01	.01	.02	.03	.02	.02	.01	.02	.02	.02	.03		.04	.05	.05	.05	.06	.06	.05	.03	.02	.030	23	.08
25	.01	.01	.01	.01	.03	.07	.17	.15	.11	.07	.04	.03	.03	.02		.04	.04	.04	.05	.10	.11	.08	.07	.11	.060	23	.23
26	.10	.08	.07	.08	.08	.13	.20	.22	.17	.11	.05	.02	.02	.02		.04	.05	.05	.05	.06	.06	.07	.04	.03	.079	23	.24
27	.02	.02	.04	.04	.03	.07	.13	.12	.07	.05	.04	.03	.03	.03			.08	.08	.09	.08	.09	.09	.07	.08	.061	22	.15
28	.11	.09	.05	.02	.03	.06	.14	.16	.07	.05	.04	.03	.03	.03			.04	.04	.03	.03	.02	.02	.01	.01	.049	22	.22
29	.01	.01	.01	.01	.01	.02	.06	.08		.01	.03	.03	.03	.02		.03	.05	.07	.06	.07	.09	.07	.06	.07	.040	22	.09
30*	.09	.07	.04	.04	.08	.10	.14	.13	.14	.13	.10	.08	.05	.05		.03	.04	.06	.06	.08	.07	.09	.08	.07	.077	23	.15
31*	.05	.09	.08	.09	.09	.10						.02	.02	.02		.01	.01	.02	.02	.02	.02	.01	.01	.01	.038	18	.12
MEAN	.06	.06	.05	.05	.06	.08	.13	.13	.10	.06	.04	.03	.02	.02		.02	.03	.04	.05	.06	.07	.07	.06	.06	.059		
NO	31	31	30	30	30	31	30	29	27	29	28	28	29	30		20	31	31	31	31	31	31	31	31		681	
MAX	.35	.29	.26	.23	.27	.33	.37	.40	.41	.17	.11	.08	.06	.07		.04	.08	.08	.18	.24	.27	.27	.28	.19	.164		.47

* Indicates Saturday or Sunday

Local standard time used

Table 3-70. SEPTEMBER, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	12	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01				.01	.00	.01	.01	.01	.03	.04	.04	.010	21	.05
2	.03	.03	.04	.02	.02	.04	.04	.06	.05	.03	.03	.02	.01	.01		.01	.02	.02	.04	.05	.15	.27	.05	.16	.052	23	.34
3	.41	.36	.20	.14	.13	.14	.15	.15	.12	.19	.13			.01		.01	.00	.00	.00	.00	.00	.00	.03	.01	.103	21	.47
4*	.01	.00	.03	.03	.03	.04	.05	.06	.08	.07	.03	.02	.01	.01			.01	.01	.01	.02	.02	.01	.01	.02	.026	22	.09
5*	.01	.03	.04	.03	.03	.02	.03	.02	.02	.03	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.017	23	.05
6	.02	.02	.02	.02	.01	.01	.03	.03	.02	.01	.02	.01	.01	.01		.00	.01	.01	.01	.02	.02	.03	.04	.04	.017	23	.06
7	.02	.02	.01	.02	.03	.06	.07	.08	.05	.02	.01	.02	.03	.01		.01	.02	.01	.02	.05	.02	.01	.02	.03	.027	23	.09
8	.04	.02	.01	.01	.02	.03	.07	.10	.05	.02	.01	.01	.01	.00			.01	.01	.01	.01	.01	.02	.03	.01	.023	22	.11
9	.00	.00	.00	.00	.01	.04	.07	.12	.09	.03	.01	.01	.01	.01			.01	.01	.01	.01	.00	.00	.01	.01	.020	22	.13
10	.00	.00	.00	.00	.00	.02	.05	.12	.13	.07			.01	.00		.01	.01	.00	.01	.00	.05	.11	.13	.13	.040	21	.16
11*	.07	.07	.07	.05	.03	.07	.08	.03	.01	.01	.00	.00	.00	.01		.01	.01	.01	.02	.02	.02	.02	.02	.03	.028	23	.14
12*	.05	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.03	.02		.02	.03	.02	.02	.02	.02	.02	.02	.01	.019	23	.06
13	.01	.00	.00	.00	.00	.02	.04	.08	.09	.10	.11	.10	.07	.07		.07	.10	.08	.06	.05	.06	.06	.07	.07	.056	23	.12
14	.05	.04	.03	.02	.02	.03	.06	.10	.11	.06	.03	.02	.02	.01		.01	.01	.02	.01	.01	.01	.01	.00	.00	.029	23	.12
15	.00	.00	.00	.00	.00	.00	.01	.02	.03	.01	.01	.00	.01	.01			.04	.04	.02	.01	.01	.01	.03	.03	.013	22	.05
16	.05	.04	.02	.02	.03	.03	.07	.07	.03	.03	.02	.02	.01	.01		.01	.02	.02	.01	.02	.02	.02	.05	.04	.028	23	.09
17	.03	.03	.05	.04	.04	.05	.06	.09	.08	.05			.02	.02		.01	.04	.02	.02	.02	.02	.01	.01	.00	.034	21	.12
18*	.01	.02	.01	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.01	.05	.08	.010	23	.12
19*	.18	.19	.02	.02	.01	.01	.03	.03	.01	.00	.00	.00	.00	.00		.00	.01	.01	.00	.00	.00	.00	.00	.00	.023	23	.34
20	.00	.00	.00	.00	.00	.00	.02	.03	.03	.02	.02	.01	.00												.009	13	.04
21																											
22	.01	.01	.00	.01	.06	.07	.07	.08	.07	.04	.01	.00	.00	.00	.00			.01	.01	.01	.01	.01	.00	.00	.022	22	.09
23	.01	.00	.00	.00	.01	.01	.02	.03	.04	.03	.03	.02	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.00	.013	23	.06
24	.00	.00	.01	.02	.02	.05	.07	.08	.05	.04			.00	.00			.01	.02	.01	.01	.01	.01	.01	.01	.022	20	.11
25*																											
26*																											
27	.21	.08	.04	.03	.01	.02	.04	.06	.06	.03	.04	.04	.03	.06	.04		.06	.07	.04	.08	.14	.19	.21	.14	.074	23	.26
28	.12	.11	.12	.12	.11	.12	.17	.29	.28	.29	.25	.11	.06	.04				.06	.03	.03	.04	.05	.08	.10	.121	21	.31
29	.08	.07	.09	.07	.13	.17	.27	.43	.35	.17	.06	.03	.02	.02			.08	.04	.00	.01	.01	.01	.02	.03	.097	22	.51
30	.02	.02	.02	.02	.02	.03	.04	.07	.06	.06	.07	.06	.06	.07		.07	.07	.06	.03	.03	.02	.04	.07	.05	.046	23	.09
MEAN	.05	.04	.03	.03	.03	.04	.06	.08	.07	.05	.04	.02	.02	.02		.02	.02	.02	.02	.02	.03	.04	.04	.04	.036		
NO.	27	27	27	27	27	27	27	27	27	27	24	23	26	25	2	16	24	26	26	26	26	26	26	26		592	
MAX	.41	.36	.20	.14	.13	.17	.27	.43	.35	.29	.25	.11	.07	.07	.04	.07	.10	.08	.06	.08	.15	.27	.21	.16	.121		.51

* Indicates Saturday or Sunday

Local standard time used

Table 3-69. AUGUST, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.02	.03	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	23	.04
2	.01	.01	.01	.01	.01	.01	.06	.04	.07	.04	.02	.02	.01	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.020	23	.08
3	.01	.01	.01	.01	.01	.02	.04	.04	.02	.02	.02	.01	.01	.01		.01	.02	.01	.01	.02	.02	.06	.12	.21	.032	23	.26
4	.19	.21	.23	.29	.28	.24	.39	.35	.07	.02	.01	.01	.00	.00		.01	.01	.01	.01	.01	.01	.01	.01	.03	.104	23	.52
5	.01	.01	.01	.01	.01	.01	.04	.09	.04	.03	.03	.02	.03	.03			.02	.01	.01	.01	.01	.01	.01	.01	.020	22	.10
6	.01	.01	.01	.00	.01	.02	.01	.04	.01	.01	.01	.01	.00	.01		.01	.00	.00	.00	.00	.00	.01	.00	.00	.008	23	.05
7*	.00	.01	.01	.01	.00	.01	.01	.02	.03	.05		.02	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.009	21	.06
8*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
9	.02	.00	.00	.00	.00	.01	.01	.02	.03	.03	.01	.02	.02	.02		.01	.02	.03	.03	.01	.01	.01	.01	.01	.013	23	.04
10	.01	.01	.03	.05	.03	.02	.04	.06	.04	.01	.01	.00	.00	.00		.01	.01	.01	.01	.01	.01	.02	.02	.03	.020	23	.06
11	.03	.02	.02	.02	.01	.01	.03	.04	.04	.04	.03	.02	.01	.01		.02	.03	.02	.02	.03	.05	.05	.05	.05	.028	23	.06
12	.04	.03	.02	.02	.04	.07	.07	.07	.04			.04	.02	.01		.01	.01	.01	.00	.00	.01	.01	.01	.01	.026	21	.08
13	.01	.00	.00	.01	.01	.02	.09	.13	.07	.02	.01	.01	.01	.01		.01	.01	.01	.01	.02	.05	.04	.07	.09	.030	23	.14
14*	.08	.08	.05	.03	.03	.06	.06	.04	.02	.01	.01	.01	.01	.01			.00	.00	.01	.01	.01	.01	.01	.01	.025	22	.09
15*	.01	.01	.04	.08	.04	.03	.05	.03	.02	.01	.01	.01	.01	.01		.00	.01	.00	.00	.00	.00	.00	.00	.01	.016	23	.09
16	.01	.01	.02	.02	.02	.02	.02	.03	.03	.04	.02	.01	.01	.01		.01	.01	.00	.00	.00	.00	.00	.00	.00	.013	23	.05
17	.01	.07	.07	.03	.00	.01	.02	.04	.06	.01	.01	.01	.00	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.015	23	.09
18	.00	.00	.00	.00	.00	.01	.01	.02	.02	.01	.01	.02	.01	.01			.03	.02	.01	.01	.02	.01	.01	.00	.010	22	.03
19	.01	.01	.02	.00	.00	.00	.01	.05	.03	.03			.00	.01		.01	.00	.00	.00	.00	.01	.01	.02	.01	.011	21	.07
20	.00	.00	.00	.00	.00	.00	.02	.03	.02	.02	.02	.02	.02	.01		.02	.02	.01	.01	.05	.08	.06	.07	.06	.023	23	.11
21*	.06	.06	.07	.07	.08	.10	.11	.10	.10	.03	.01	.01	.01	.01			.01	.01	.00	.01	.01	.01	.01	.01	.040	22	.14
22*	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.015	23	.04
23	.01	.01	.01	.01	.01	.03	.05	.08				.02	.01	.01	.01	.01	.02	.01	.01	.04	.05	.05	.05	.05	.026	21	.10
24	.03	.03	.03	.03	.02	.05	.14	.11	.04	.02	.01	.01	.01	.01		.01	.01	.02	.02	.07	.12	.12	.15	.12	.051	23	.19
25	.06	.05	.05	.15	.17	.15	.18	.19	.10	.02	.03	.02	.01	.01			.02	.02	.01	.01	.01	.01	.01	.01	.058	22	.22
26	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03		.02	.02	.03	.03	.03	.04	.03	.02	.02	.020	23	.06
27	.02	.01	.01	.01	.01	.03	.07	.07	.04	.02			.01	.01		.01	.02	.02	.02	.03	.09	.07	.02	.00	.026	21	.12
28*																											
29*																											
30																											
31	.03	.01	.02	.03	.03	.08	.14	.19	.10	.08	.02	.00	.00	.00		.00	.01	.01	.00	.00	.00	.00	.01	.00	.033	23	.24
MEAN	.02	.02	.03	.03	.03	.04	.06	.07	.04	.02	.01	.01	.01	.01	1	.01	.01	.01	.01	.01	.02	.02	.03	.03	.025		
NO	28	28	28	28	28	28	28	28	27	26	23	26	28	28		22	28	28	28	28	28	28	28	28		629	
MAX	.19	.21	.23	.29	.28	.24	.39	.35	.10	.08	.03	.04	.03	.03	.01	.02	.03	.03	.03	.07	.12	.12	.15	.21	.104		.52

* Indicates Saturday or Sunday

Local standard time used

Table 3-68. JULY, 1965. HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.01		.01	.01	.00	.00	.00	.00	.00	.01	.02	.007	23	.03
2	.02	.02	.02	.04	.07	.11	.13	.07	.04	.01	.00							.01	.00	.01	.01	.01	.01	.01	.031	18	.15
3*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.01		.01	.01	.01	.01	.01	.03	.02	.01	.02	.009	23	.05
4*	.03	.05	.03	.02	.02	.02	.03	.02	.01	.01			.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.012	20	.07
5	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.01	.01		.01	.01	.01	.00	.00	.00	.02	.06	.05	.009	23	.08
6	.03	.01	.01	.01	.01	.01	.03	.02	.02	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.02	.02	.00	.00	.012	23	.04
7	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.00	.00	.00	.003	23	.03
8	.00	.03	.04	.06	.02	.02	.02	.03	.02	.02	.01	.01	.01	.01					.01	.01	.01	.01	.02	.04	.020	20	.07
9	.04	.05	.08	.12	.09	.09	.06	.03	.02	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.025	23	.13
10*	.00	.00	.04	.05	.02	.01	.01	.01	.00	.01	.01	.01	.01	.01		.01	.00	.01	.01	.01	.01	.03	.04	.04	.014	23	.08
11*	.04	.02	.01	.01	.01	.01	.01	.03	.02	.02	.02	.02	.02	.03		.02	.03	.02	.02	.04	.04	.06	.08		.025	23	.12
12	.09	.06	.04	.03	.03	.05	.06	.07	.04	.05	.12	.07	.03	.03		.01	.01		.01	.01	.01	.01	.01	.01	.037	22	.13
13	.01	.01	.10	.12	.06	.07	.07	.04	.06	.07	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.03	.04	.034	23	.18
14	.06	.04	.06	.09	.04	.05	.11	.10	.07	.04	.02	.02	.01	.01		.01	.01	.02	.01	.05	.06	.05	.03	.02	.041	23	.14
15	.02	.00	.01	.00	.01	.02	.03	.04	.02	.02	.02	.03	.02	.01		.01	.01	.01	.01	.03	.02	.01	.04	.05	.018	23	.07
16	.04	.02	.01	.00	.00	.02	.09	.12	.11	.05	.01	.00	.01	.00		.00	.01	.01	.01	.01	.01	.01	.01	.01	.024	23	.16
17*																											
18*																											
19	.01	.01	.00	.00	.00	.00	.02	.02	.01	.02	.01	.01	.01	.01		.02	.02	.01	.02	.02	.05	.04	.02	.02	.014	23	.06
20	.00	.00	.00	.00	.00	.01	.02	.03	.02	.01	.01	.01	.01	.01		.02	.02	.02	.02	.03	.07	.12	.05	.04	.022	23	.15
21	.03	.03	.03	.02	.03	.05	.10	.04	.02	.02	.02	.02	.02	.01			.04	.01	.01	.01	.01	.01	.01	.00	.024	22	.32
22	.01	.02	.08	.03	.03	.02	.06	.08	.05	.04	.02	.02	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.00	.023	23	.11
23	.00	.00	.01	.00	.00	.00	.01	.02	.03	.02	.03	.02	.01	.01		.01	.02	.01	.01	.01	.01	.01	.01	.03	.012	23	.04
24*	.01	.01	.01	.01	.00	.00	.01	.02	.05	.06	.04	.02	.01	.01			.01	.01	.01	.01	.03	.09	.09	.10	.027	22	.14
25*	.06	.04	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00		.00	.00	.01	.01	.00	.01	.01		.01	.010	22	.07
26	.01	.01	.00	.00	.00	.02	.04	.03	.02	.02			.01	.01		.01	.01	.00	.00	.00	.01	.01	.01	.04	.012	21	.06
27	.01	.01	.01	.01	.02	.03	.06	.12	.09	.04	.03	.06	.06	.02			.02	.02	.02	.03	.02	.02	.01	.01	.032	22	.14
28	.02	.01	.00	.01	.06	.13	.16	.10	.04	.01	.01	.01	.01	.01			.05	.02	.02	.01	.01	.01	.02	.01	.033	22	.29
29	.00	.00	.00	.00	.00	.02	.05	.05	.02	.02	.02	.02	.01	.01		.01	.01	.01	.01	.01	.00	.02	.08	.07	.019	23	.11
30	.05	.01	.03	.04	.02	.04	.06	.09				.03	.02	.01		.01	.03	.01	.01	.00	.00	.00	.00	.00	.023	20	.11
31*	.00	.00	.01	.01	.01	.02	.04	.04	.04	.03	.00					.00	.00	.00	.00	.00	.00	.00	.00	.00	.010	20	.08
MEAN	.02	.02	.02	.02	.02	.03	.04	.04	.03	.02	.02	.02	.01	.01		.01	.01	.01	.01	.01	.02	.02	.02	.03	.020		
N/O	29	29	29	29	29	29	29	29	28	28	26	25	27	27	1	22	26	27	29	29	29	29	28	29		642	
MAX	.09	.06	.10	.12	.09	.13	.16	.12	.11	.07	.12	.07	.06	.03	.01	.02	.05	.02	.02	.05	.07	.12	.09	.10	.041		.32

* Indicates Saturday or Sunday

Local standard time used

Table 3-72. NOVEMBER, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.01	.00	.00	.00	.00	.01	.02	.04	.04	.03	.03	.02	.02	.02		.04	.06	.07	.09	.08	.06	.04	.03	.02	.032	23	.11
2	.02	.02	.01	.01	.00	.01	.01	.04	.06	.03	.03	.03	.02	.02		.03	.05	.05	.04	.03	.02	.02	.01	.01	.025	23	.07
3																											
4	.12	.19	.17	.14	.17	.16	.13	.21	.20	.15	.06	.04	.03	.03			.03	.05	.04	.04	.04	.04	.04	.03	.096	22	.27
5	.03	.02	.02	.02	.01	.02	.03	.06	.13	.13	.15	.14	.07	.08		.06	.11	.11	.09	.06	.06	.07	.06	.07	.068	23	.17
6*	.08	.08	.10	.17	.21	.30	.24	.28	.29	.19	.17	.10	.08	.07		.04	.04	.05	.05	.07	.09	.10	.13	.15	.133	23	.35
7*	.11	.13	.16	.11	.07	.08	.07	.08	.07	.07	.06	.06	.04	.03		.02	.04	.05	.06	.06	.06	.07	.07	.07	.071	23	.17
8	.04	.03	.06	.06	.06	.05	.07	.10	.13	.13	.11	.08	.07	.06		.05	.08	.08	.06	.04	.06	.03	.04	.06	.066	23	.15
9	.06	.03	.02	.02	.01	.01	.01	.06	.06	.04	.03	.03	.03	.03		.03	.05	.06	.06	.04	.04	.04	.04	.03	.035	23	.08
10	.03	.02	.02	.02	.02	.03	.05	.12	.16	.14	.16	.09	.09	.05				.05	.05	.04	.04	.06	.06	.05	.064	21	.18
11	.04	.04	.06	.06	.06	.08	.12	.20	.22	.23	.21	.19	.13	.10		.05	.07	.08	.05	.05	.04	.06	.05	.07	.097	23	.25
12	.05	.06	.05	.05	.06	.08	.09	.12	.14	.12	.12	.09	.07	.05		.09	.13	.14	.11	.07	.06	.05	.05	.05	.082	23	.16
13*	.05	.05	.07	.06	.04	.04	.05	.06	.06	.05	.04	.04	.07	.06			.04	.03	.06	.04	.07	.08	.10	.07	.055	22	.12
14*	.05	.05	.05	.05	.05	.04	.04	.05	.03	.02	.02	.02	.02	.02		.02	.06	.06	.09	.08	.08	.06	.08	.06	.047	23	.11
15	.04	.03	.02	.04	.07	.06	.10	.21	.19	.14	.09	.05	.05	.04		.07	.08	.06	.06	.05	.05	.03	.03	.03	.069	23	.23
16	.03	.02	.02	.01	.01	.01	.01	.02	.03	.03	.06	.05	.06	.08		.09	.09	.12	.15	.11	.12	.12	.06	.07	.059	23	.18
17	.05	.03	.04	.02	.05	.02	.02	.04	.06	.05	.05			.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.030	21	.08
18	.01	.01	.01	.00	.00	.00	.01	.02	.02	.02		.02	.01	.01		.01		.02	.02	.02	.02	.03	.03	.02	.014	21	.04
19	.02	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.02	.02	.02		.02	.03	.04	.04	.04	.04	.05	.05	.05	.027	23	.06
20*	.06	.06	.06	.06	.05	.06	.09	.18	.23	.08	.05	.03	.02	.01		.01	.01	.02	.01	.01	.02	.02	.01	.01	.048	23	.28
21*	.01	.01	.01	.01	.01	.01	.01	.03	.04	.04	.03	.03	.02	.03			.06	.07	.07	.04	.06	.06	.04	.05	.032	22	.08
22	.05	.04	.04	.03	.04	.05	.05	.07	.08	.06	.06	.05	.04	.04		.03	.04	.06	.05	.04	.04	.04	.04	.02	.045	23	.09
23	.02	.01	.01	.01	.01	.01	.03	.05	.06	.04	.03	.02	.02	.02		.02	.04	.04	.06	.05	.04	.03	.03	.02	.029	23	.07
24	.02	.01	.02	.02	.01	.01	.03	.06	.07	.05	.05	.03	.03	.03				.05	.05	.04	.04	.03	.05	.05	.035	21	.08
25	.05	.08	.09	.11	.09	.08	.11	.16	.08	.07	.05	.03	.02	.01		.01	.01	.01	.01	.01	.01	.01	.01	.03	.050	23	.19
26	.03	.03	.04	.04	.03	.02	.03	.05	.06			.03	.03	.03		.03	.04	.06	.04	.03	.03	.03	.02	.02	.033	21	.07
27*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.03	.02		.01	.02	.02	.03	.03	.03	.03	.03	.03	.019	23	.04
28*	.03	.02	.03	.02	.02	.02	.04	.05	.04	.03	.02	.02	.03	.02		.03	.03	.04	.03	.04	.03	.03	.03	.02	.029	23	.06
29	.02	.01	.01	.00	.01	.01	.02	.04	.05	.08	.06	.05	.05	.05		.04	.07	.10	.09	.09	.08	.07	.07	.05	.048	23	.11
30	.04	.03	.03	.02	.02	.03	.07	.14	.17	.11	.09	.07	.06	.06		.06	.08	.12	.11	.15	.15	.13	.15	.18	.089	23	.20
MEAN	.04	.04	.04	.04	.04	.05	.05	.09	.10	.08	.07	.05	.04	.04		.04	.05	.06	.06	.05	.05	.05	.05	.05	.053		
NO	29	29	29	29	29	29	29	29	29	28	27	28	28	29		24	26	29	29	29	29	29	29	29		654	
MAX	.12	.19	.17	.17	.21	.30	.24	.28	.29	.23	.21	.19	.13	.10		.09	.13	.14	.15	.15	.15	.13	.15	.18	.133		.35

* Indicates Saturday or Sunday

Local standard time used

Table 3-73. DECEMBER, 1965, HOURLY AVERAGE NITRIC OXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	DAILY MAX
1	.24	.23	.17	.18	.15	.11	.13	.19	.18	.13	.12	.10	.06	.05		.06	.07	.09	.12	.11	.09	.08	.08	.07	.121	23	.27
2	.07	.05	.04	.03	.03	.04	.06	.13	.21	.20	.15	.17	.09	.05				.11	.12	.13	.15	.14	.13	.32	.115	21	.38
3	.47	.52	.32	.26	.21	.20	.19	.28	.29					.03		.03	.04	.05	.05	.04	.03	.03	.02	.02	.161	19	.66
4*	.03	.04	.04	.04	.04	.04	.04	.05	.05	.04	.03	.03	.03	.03		.02	.03	.03	.03	.02	.02	.02	.02	.02	.032	23	.06
5*	.03	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02	.02		.02	.04	.04	.05	.06	.04	.07	.08	.08	.029	23	.10
6	.08	.04	.04	.04	.03	.04	.06	.09	.13	.08	.06	.05	.04	.04		.06	.07	.08	.10	.08	.06	.03	.02	.01	.056	23	.15
7	.01	.01	.01	.01	.01	.01	.01	.04	.06	.04	.03	.03	.04	.03		.06	.09	.11	.13	.13	.18	.27	.27	.47	.088	23	.65
8	.41	.28	.10	.07	.06	.09	.10	.16	.16	.12	.10	.06	.06	.06		.08	.10	.13	.17	.15	.18	.15	.12	.12	.131	23	.65
9	.11	.12	.15	.15	.11	.08	.09	.15	.24	.16	.11	.07	.05	.05				.17	.24	.20	.11	.12	.19	.13	.131	21	.29
10	.12	.12	.10	.10	.07	.07	.08	.11	.19	.21	.14	.07	.05	.05		.06	.08	.16	.20	.27	.47	.37	.59	.70	.190	23	.79
11*	.56	.20	.17	.13	.11	.15	.18	.18	.17	.17	.18	.17	.17	.16		.12	.17	.19	.18	.21	.23	.22	.18	.15	.189	23	.87
12*	.18	.22	.18	.09	.07	.05	.04	.03	.03	.03	.03	.04	.05	.07		.05	.05	.05	.05	.04	.04	.04	.04	.06	.065	23	.23
13	.06	.04	.03	.03	.02	.03	.05	.09	.11	.11	.13	.17	.20	.15		.13	.18	.19	.18	.12	.12	.12	.12	.11	.109	23	.25
14	.09	.11	.09	.07	.07	.12	.16	.26	.33	.34	.19	.16	.12	.07		.07	.11	.12	.09	.08	.09	.09	.06	.05	.127	23	.40
15	.04	.03	.02	.03	.02	.02	.05	.10	.14	.11	.10	.08	.06	.06			.12	.15	.13	.11	.08	.09	.09	.10	.078	22	.18
16	.08	.07	.08	.05	.05	.06	.07	.18	.26	.30	.22	.10	.07	.07				.17	.21	.25	.34	.26	.18	.16	.153	21	.39
17	.29	.13	.11	.09	.08	.08	.08	.11	.12	.10	.08	.06		.05				.08	.08	.08	.07	.07	.06	.06	.094	20	.36
18*	.05	.05	.06	.04	.03	.02	.03	.05	.04	.05	.04	.05	.06	.05			.06	.07	.07	.04	.06	.06	.04	.05	.047	22	.08
19*	.04	.03	.03	.03	.01	.01	.01	.01	.00	.00									.11	.10	.09	.09	.08	.05	.043	16	.11
20	.04	.03	.02	.02	.02	.04	.03	.06	.09	.10	.08			.04	.06	.06	.09	.10	.11	.10	.07	.06	.06	.09	.062	22	.13
21	.06	.04	.02	.02	.02	.02	.03	.04	.08	.12	.11	.10	.08	.07			.09	.14	.15	.13	.12	.13	.15	.17	.085	22	.19
22	.17	.17	.11	.14	.08	.09	.11	.19	.23	.20	.15	.10	.08	.08			.11	.15	.18	.17	.17	.23	.25	.17	.151	22	.32
23	.19	.15	.15	.18	.09	.14	.19	.21	.25	.22	.21	.29	.27	.28				.14	.19	.20	.21	.19	.13	.14	.190	21	.31
24	.13	.07	.06	.04	.06	.09	.06	.14	.15	.15	.12	.13	.11	.13			.10	.10	.08	.07	.05	.05	.05	.05	.089	22	.18
25*	.04	.03	.03	.05	.09	.02	.02	.02	.02	.02	.04	.02	.01	.02			.02	.04	.03	.04	.04	.05	.05	.06	.034	22	.13
26*	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02			.03	.03	.03	.03	.03	.03	.03	.03	.020	22	.05
27	.03	.02	.01	.01	.01	.01	.01	.05	.08	.09	.11	.13	.18	.11		.10	.09	.09	.07	.05	.06	.12	.13	.15	.074	23	.20
28	.10	.07	.05	.06	.06	.08	.10	.18	.20	.12	.08	.06	.06	.06		.07	.12	.14	.13	.14	.13	.17	.25	.28	.117	23	.34
29	.30	.25	.15	.17	.13	.11	.12	.21	.26	.22	.24	.19	.15	.10		.09	.13	.17	.21	.20	.19	.18	.18	.22	.179	23	.32
30	.22	.17	.17	.22	.19	.20	.21	.25	.36	.32	.24	.22	.17	.14					.17	.19	.16	.13	.15	.11	.199	20	.38
31	.12	.11	.09	.07	.07	.08	.13	.20	.20	.20					.14	.09	.11	.14	.14	.16	.18	.19	.18	.12	.136	20	.24
MEAN	.14	.11	.08	.08	.06	.07	.08	.12	.15	.13	.11	.10	.09	.07		.07	.09	.11	.12	.12	.12	.12	.13	.14	.106		
NO.	31	31	31	31	31	31	31	31	31	30	28	27	26	29	2	17	24	29	31	31	31	31	31	31		677	
MAX	.56	.52	.32	.26	.21	.20	.21	.28	.36	.34	.24	.29	.27	.28	.14	.13	.18	.19	.24	.27	.47	.37	.59	.70	.199		.87

* Indicates Saturday or Sunday

Local standard time used

NITROGEN DIOXIDE
DATA TABLES
3-74 through 3-120

Continuous
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Table 3-74. JANUARY, 1962. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	22	.02
2	.01	.01	.01	.00	.00	.00	.00	.01	.02	.04	.03	.03	.03					.05	.05	.05	.04	.04	.04	.04	.025	20	.05
3	.04	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04			.05	.05	.04	.04	.04	.04	.04	.04	.038	22	.06
4	.04	.04	.04	.03	.03	.03	.03	.03	.03	.05	.05	.04	.04	.04		.01	.03	.03	.03	.03	.03	.03	.03	.03	.034	23	.05
5	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03				.04	.04	.04	.04	.04	.03	.03	.032	21	.04
6*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.02	.02	.02	.02	.02	.01	.01	.01	.025	22	.03
7*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.014	22	.02
8	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03			.03	.04	.04	.03	.03	.03	.03	.03	.027	22	.04
9	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02			.03	.04	.04	.04	.04	.04	.04	.03	.029	22	.04
10	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04			.03	.07	.08	.08	.07	.06	.06	.06	.040	22	.08
11	.05	.05	.04	.03	.03	.02	.02	.03	.04	.06	.06	.05	.05	.05			.05	.05	.06	.06	.05	.05	.05	.05	.045	22	.06
12	.05	.05	.04	.04	.04	.04	.04	.04	.05	.06	.06	.06	.06	.05		.02	.05	.05	.05	.05	.06	.06	.06	.06	.049	23	.07
13*	.06	.05	.05	.04	.04	.03	.03	.03	.03	.05	.05	.05	.05												.043	13	.06
14*																											
15																											
16																											
17																											
18																											
19	.04	.04	.04	.04	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.038	22	.04
20*	.04	.04	.04	.04	.04	.04	.04	.04	.03	.05	.05	.05	.05	.05											.043	14	.05
21*																											
22																											
23	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.018	22	.02
24	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03			.03	.03	.04	.04	.04	.04	.04	.04	.028	21	.04
25	.03	.02	.02	.02	.02	.02	.01	.01	.01	.02	.03	.05	.05					.01	.01	.01	.01	.02	.03	.04	.022	20	.06
26	.05	.05	.05	.04	.04	.03	.03	.02	.02	.02	.02	.01	.01	.01											.028	14	.05
27*										.02	.02	.02	.02	.02			.03	.04	.04	.04	.03	.03	.03	.03	.029	13	.04
28*										.04	.04	.04	.04	.04			.04	.04	.04	.03	.03	.03	.03	.03	.031	22	.05
29	.03	.03	.02	.02	.02	.02	.02	.02	.04	.04	.04	.04							.04	.03	.03	.03	.04	.04	.040	15	.08
30	.03	.03	.03	.02	.02	.02	.03	.04	.06	.08	.07	.06															
31	.03		.04	.04	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.04	.04									.035	15	.04
MEAN	.03	.03	.03	.03	.03	.02	.02	.03	.03	.04	.04	.03	.03	.03				.04	.04	.04	.03	.03	.03	.03	.031	454	
NO	22	21	22	22	22	22	22	22	22	22	23	23	21	18	2	4	15	18	18	18	18	19	19	19			
MAX	.06	.05	.05	.04	.04	.04	.04	.04	.06	.08	.07	.06	.06	.05	.04	.04	.05	.07	.08	.08	.07	.06	.06	.06	.049		.08

* Indicates Saturday or Sunday

Local standard time used

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Table 3-75. FEBRUARY, 1962. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS.	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2																											
3*																											
4*																											
5																											
6	.03	.00	.02	.03	.03	.03	.03	.04	.04									.03	.03	.03	.02	.02	.02	.02	.026	16	.04
7	.02		.01	.01	.01	.01	.02	.02	.02	.03	.03	.03						.05	.05	.05	.05	.05	.05	.04	.030	18	.05
8	.04		.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.04	.037	23	.05
9	.04		.04	.04	.04	.03	.03	.03	.03						.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.034	18	.05
10*	.03		.03	.02	.01	.01	.01	.01	.01	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.027	23	.05
11*	.03		.02	.02	.02	.02	.02	.02	.02			.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.032	21	.04
12	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03		.07	.06	.06	.05	.05	.05	.05	.05	.038	22	.07
13	.04		.04	.04	.03	.03	.03	.03	.02						.07	.08	.07	.07	.07	.07	.05	.05	.04	.04	.049	19	.08
14	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.05	.05	.05	.04	.04	.03	.03	.035	23	.06
15																											
16																											
17*																											
18*																											
19	.03		.01	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.037	23	.06
20																											
21	.04			.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.04	.04									.038	14	.05
22																											
23	.03		.03	.03	.04	.03	.03	.03	.03	.06	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.042	23	.06
24*	.02			.03	.03	.02	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.04	.04	.03	.04	.03	.03	.03	.032	22	.05
25*	.02			.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.030	22	.04
26	.02			.02	.02	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.03	.05	.05	.04	.04	.04	.04	.04	.029	22	.06
27	.03			.04	.04	.03	.03	.04	.05	.06	.05	.04	.05	.07	.09	.08	.09	.07	.04	.04	.03	.03	.03	.03	.047	22	.10
28	.03			.03	.02	.03	.03	.03	.03	.03					.05	.07	.06	.05	.05	.04	.04	.03	.03	.03	.037	18	.08
MEAN	.03			.03	.03	.03	.03	.03	.03									.05	.04	.04	.04	.04	.04	.03			
NO	17	1	11	17	17	17	17	17	17	13	12	13	12	13	15	14	14	16	16	16	16	16	16	16		349	
MAX	.04	.00	.04	.04	.04	.03	.03	.04	.05	.06	.05	.05	.05	.07	.09	.08	.09	.07	.07	.07	.05	.05	.05	.05	.049		.10

* Indicates Saturday or Sunday

Local standard time used

Table 3-76. MARCH, 1962. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)
Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03		.00	.01	.02	.01	.02	.03	.03	.03	.03	.03							.04	.03	.03	.03	.03	.03	.024	17	.04
2	.02			.02	.02	.02	.02	.02	.03	.03	.04	.04						.05	.05	.05	.04	.04	.04	.04	.032	17	.05
3*	.03			.02	.02	.02	.02	.03	.03	.03						.04	.04	.04	.04	.04	.04	.03	.03	.03	.031	17	.04
4*	.03	.03			.03	.03	.03	.02	.02	.02		.03	.03	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.035	21	.05
5	.04		.04	.03	.03	.03	.03	.03	.04	.04	.05	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.03	.03	.03	.037	23	.05
6	.03		.02	.02	.02	.02	.02					.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.031	19	.04
7	.02		.02	.02	.02	.02	.02	.03	.03										.05	.05	.05	.05	.04	.04	.032	14	.05
8	.04		.04	.03	.03	.03	.03	.04	.04	.04	.04	.05	.06	.07	.07	.06	.06	.06	.05	.04	.04	.04	.04	.04	.044	23	.07
9	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.028	23	.04
10*	.02		.03	.02	.02	.02	.02	.02	.02	.02				.05	.05	.05	.05	.06	.07	.07	.07	.06	.06	.06	.042	20	.08
11*	.05		.06	.05	.05	.05	.04	.03	.02	.04	.04	.04	.05	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.042	23	.06
12	.04		.03	.03	.03	.03	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04		.05	.04	.03	.03	.03	.03	.03	.037	22	.06
13																											
14																											
15																											
16																											
17*																											
18*																											
19	.06			.05	.04	.04	.05	.05	.05	.04	.05	.05	.05	.05	.05	.04	.04	.06	.06	.05	.05	.04	.04	.04	.047	22	.07
20	.04		.04	.04	.04	.04	.04	.05	.05	.05	.05							.05	.05	.04	.04	.04	.04	.04	.042	17	.06
21	.03	.04	.04	.04	.04	.04	.04	.04	.05	.04			.03	.04	.04		.04	.04	.04	.04	.04	.03	.03	.04	.039	21	.05
22	.04	.03	.03	.03	.03	.03	.04	.04	.05	.04	.03	.03	.03	.03	.03				.05	.05	.05	.05	.05	.05	.038	21	.05
23	.04	.04	.04	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03			.04	.04	.04	.03	.03	.03	.03	.034	22	.04
24*	.03	.03	.03	.03	.02	.03	.03	.02	.02	.02		.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03	.027	21	.04
25*	.03	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03			.03	.03	.04	.04	.03	.04	.03	.03	.029	22	.04
26	.03	.02	.02	.02	.03	.03	.03	.03	.04	.04										.04	.04	.04	.04	.04	.033	15	.05
27	.04	.03	.03	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03			.04	.05	.06	.06	.06	.07	.07	.07	.040	22	.07
28	.07	.07	.07	.06	.05	.05	.05	.06	.05	.05	.05	.03	.03	.03			.05	.05	.07	.07	.07	.08	.08	.07	.057	22	.09
29	.08	.08	.07	.07	.07	.08	.06	.07	.09	.08	.07	.06	.06	.06	.05				.06	.05	.05	.05	.05	.05	.064	21	.09
30	.04	.04	.04	.04	.04	.04	.04	.06	.07	.06	.07	.06	.05	.05	.04		.05	.05	.04	.04	.03	.03	.04	.04	.045	23	.08
31*	.05	.03	.04	.04	.04	.04	.03	.03	.03	.02	.02	.02					.03	.03	.03	.03	.03	.03	.02	.03	.031	20	.05
MEAN	.04		.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.038		
NO.	25	12	21	24	25	25	25	24	24	23	17	19	17	18	14	10	16	20	24	25	25	25	25	25		508	
MAX	.08	.08	.07	.07	.07	.08	.06	.07	.09	.08	.07	.06	.06	.07	.07	.06	.06	.06	.07	.07	.07	.08	.08	.07	.064		.09

* Indicates Saturday or Sunday
Local standard time used

Table 3-77. APRIL, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1*																	.03	.04	.04	.04	.05	.04	.05	.04	.035	23	.05
2													.03	.05	.04		.04		.06	.07	.07	.07	.06		.049	21	.08
3	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.05	.04			.04	.04	.03	.03	.03	.03	.03	.03	.050	22	.09
4	.04	.04	.05	.04	.04	.04	.05	.06	.06	.04	.04	.04															
5	.07	.07	.07	.06	.05	.07	.06	.08	.07	.06	.06	.05															
6	.02	.02	.02	.01	.02	.02	.03	.03	.04	.04	.03	.03	.01	.01	.02			.02	.02	.01	.02	.02	.01	.01	.021	22	.05
7*	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00			.01	.00	.00	.01	.01	.01	.01	.005	22	.02
8*	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.001	22	.01
9	.00	.01	.01	.01	.01	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00			.00	.01	.00	.00	.00	.00	.00	.004	22	.02
10	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.01	.02	.02	.02	.02	.02	.005	22	.02
11	.02	.02	.01	.02	.01	.00	.00	.01	.01	.01	.01	.01							.00	.01	.00	.00	.00	.00	.008	18	.02
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.000	22	.01
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00			.01	.01	.01	.01	.01	.01	.01	.004	22	.02
14*	.01	.00	.00	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.03	.03	.03	.017	23	.03
15*	.03	.03	.04	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02		.02	.02	.02	.03	.03	.02	.02	.02	.025	23	.04
16	.02	.02	.02	.01	.01	.01	.01	.01	.02	.01	.01	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.019	23	.03
17	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.03	.03	.03	.022	23	.04
18	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.03	.02	.02	.03	.02		.02	.03	.03	.03	.03	.04	.05	.04	.031	23	.05
19	.04	.05	.04	.04	.04	.03	.04	.04	.03	.03	.02	.03	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.031	22	.05
20	.03	.03	.03	.03	.03	.03	.03	.05	.05	.05	.05	.04	.03	.04	.04		.04	.05	.05	.05	.05	.05	.05	.04	.040	23	.06
21*	.04	.04	.03	.03	.03	.02	.03	.03	.02	.02	.02	.01	.02	.02	.02		.02	.02	.03	.03	.04	.04	.04	.04	.028	23	.04
22*																											
23																											
24	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02			.05	.05	.05	.06	.06	.06	.07	.033	22	.07
25	.06	.06	.07	.07	.07	.06	.06	.06	.06	.07	.07	.07	.07	.07	.06		.05	.07	.07	.08	.09	.08	.07	.07	.068	23	.10
26	.06	.06	.05	.06	.06	.06	.05												.05	.05	.07	.08	.07	.07	.061	14	.08
27	.06	.06	.04	.04	.04	.05	.07	.07	.06		.11	.09	.06	.04	.04			.06	.07	.05	.05	.04	.04	.03	.055	21	.12
28*	.03	.03	.04	.04	.04	.03	.03	.04	.03	.04	.04	.04	.03	.02	.02			.02	.02	.07	.03	.03	.02	.02	.029	23	.05
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00					.01	.01	.00	.02	.02	.02	.04	.02	.04	.03	.01	.012	20	.05
30	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04			.04	.04	.03	.03	.03	.03	.03	.03	.026	22	.04
MEAN	.03	.03	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	1	14	.03	.03	.03	.03	.03	.03	.03	.026	566	
NO	26	26	26	26	26	26	26	25	25	23	24	24	23	24	22			24	25	26	26	26	26	26			
MAX	.07	.07	.07	.07	.07	.07	.07	.08	.07	.07	.11	.09	.07	.07	.06	.00	.05	.07	.07	.08	.09	.08	.07	.07	.068		.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-78. MAY, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.03	.03	.03		.03	.03	.03	.03	.03	.03	.02	.03	.027	23	.04
2	.02	.02	.03	.03	.03	.03	.04	.04				.03	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.035	20	.04
3	.04	.03	.03	.03	.04	.04	.05	.05	.07	.11	.08	.08	.08	.06	.06		.07	.07	.08	.05	.05	.07	.07	.07	.059	23	.12
4	.06	.06	.07	.06	.06	.06	.08	.11	.07	.05	.03	.03	.02	.03	.02		.05	.05	.06	.06	.06	.06	.05	.05	.053	23	.12
5*	.05	.05	.06	.06	.05	.05	.05	.05	.04	.04	.03	.03	.02	.02	.02		.03	.03	.05	.07	.08	.08	.07	.07	.049	23	.09
6*	.08	.08	.07	.06	.05	.05	.08	.20	.14	.09	.05	.04		.02	.02		.03	.03	.03	.03	.03	.03	.04	.03	.057	22	.22
7	.04	.03	.03	.04	.03	.04	.04	.04	.03	.03	.03	.02	.02	.03	.03		.04	.03	.03	.04	.04	.04	.04	.03	.033	23	.05
8	.03	.02	.03	.02	.03	.04	.05	.05	.05	.05	.05	.04	.04	.04	.04		.05	.05	.05	.04	.04	.04	.04	.04	.039	23	.05
9	.04	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02											.024	14	.04
10																											
11																											
12*	.07	.05	.05	.04	.04	.04	.05	.05	.05	.06	.07	.05	.05	.03	.03	.01	.04	.03	.03	.03	.03	.03	.04	.04	.042	24	.08
13*	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.03		.03	.03	.03	.03	.04	.03	.03	.03	.029	23	.05
14	.03	.02	.03	.03	.03	.03	.04	.04	.05	.04	.04	.04	.04	.04	.04		.07	.08	.08	.06	.09	.09	.08	.07	.050	23	.10
15	.06	.07	.06	.06	.06	.06	.08	.09	.10	.17	.16	.11	.07				.06	.04	.03	.04	.03	.04	.04	.03	.069	21	.20
16	.03	.02	.02	.02	.03	.03	.04	.04	.05	.05	.06	.06	.06	.06	.06		.06	.05	.04	.04	.04	.03	.03	.04	.042	23	.08
17	.04	.03	.04	.03	.03	.04	.05	.05	.07	.08	.08	.08	.07	.08	.09		.09	.09	.10	.06					.061	19	.11
18	.07	.07	.05	.05	.05	.05	.07	.10	.18	.12	.05	.03	.04	.03	.04		.04	.04	.03	.03	.04	.07	.10	.09	.062	23	.21
19*	.09	.09	.08	.05	.04	.05	.06	.09	.12	.08	.05	.03	.02	.02	.02			.04	.06	.06	.04	.04	.03	.04	.053	22	.13
20*	.05	.05	.04	.04	.03	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02		.02	.02	.02	.04	.06	.05	.04	.03	.033	23	.07
21	.03	.02	.02	.02	.05	.04	.05	.06	.04	.03	.03	.03	.02	.02	.03		.03	.03	.03	.03	.03	.02	.02	.02	.030	23	.06
22	.02	.02	.02	.02	.03	.03	.04	.05	.05	.05	.04	.04	.04	.04	.03		.06	.05	.03	.03	.03	.04	.04	.04	.035	23	.07
23	.04	.05	.04	.05	.04	.05	.06	.07	.06	.05	.04	.02	.01	.01	.01		.03	.02	.02	.03	.03	.02	.02	.02	.034	23	.08
24	.02	.03	.02	.03	.03	.04	.06	.06	.04	.02	.04	.04	.04	.04	.07		.06	.08	.08	.07	.07	.07	.06	.05	.047	23	.09
25	.04	.05	.05	.05	.04	.05	.06	.05	.03	.03			.02	.03	.03		.04	.03	.03	.05	.06	.07	.07	.07	.045	21	.08
26*	.07	.07	.06	.05	.04	.05	.06	.06	.06	.04	.03	.02	.02	.02	.02		.03	.04	.05	.07	.06	.04	.03	.03	.044	23	.08
27*	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.02	.02		.03	.03	.04	.03	.03	.03	.05	.03	.022	23	.05
28	.03	.02	.04	.05	.05	.05	.05	.07	.08	.08	.09	.08	.07	.07	.06		.06	.04	.04	.04	.05	.04	.04	.03	.053	23	.09
29	.03	.03	.02	.02	.03	.04	.04	.05	.05	.03	.03	.02	.02	.03	.03		.03	.03	.03	.03	.03	.04	.04	.03	.032	23	.06
30	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.02	.03	.03	.03		.02	.04	.04	.04	.06	.06	.05	.04	.032	23	.07
31	.02	.02	.02	.01	.01	.01	.02					.02	.02	.02	.03		.03	.02	.03	.05	.05	.06	.06	.05	.029	19	.07
MEAN	.04	.04	.04	.04	.04	.04	.05	.06	.06	.05	.05	.04	.03	.03	.03		.04	.04	.04	.04	.05	.05	.05	.04	.042		
NO	29	29	29	29	29	29	29	28	27	27	26	28	28	28	27	1	27	28	28	28	27	27	27	27		642	
MAX	.09	.09	.08	.06	.06	.06	.08	.20	.18	.17	.16	.11	.08	.08	.09	.01	.09	.09	.10	.07	.09	.09	.10	.09	.069		.22

* Indicates Saturday or Sunday

Local standard time used

Table 3-79. JUNE, 1962. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.03	.03	.03	.04	.04	.05	.06	.05	.04	.03	.02	.02	.02	.02		.06	.04	.04	.06	.06	.07	.04	.05	.041	23	.10
2*	.05	.04	.03	.05	.04	.05	.05	.04									.02	.03	.03	.04	.05	.04	.04	.03	.037	16	.06
3*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.02	.03		.03	.03	.03	.03	.03	.05	.06	.04	.024	23	.06
4	.03	.05	.06	.04	.04	.05	.05	.06	.05	.04	.03	.03	.03	.03	.02		.03	.02	.02	.02	.02	.03	.03		.034	23	.06
5	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04		.03	.03	.04	.04		.04	.03	.03						.030	18	.05
6																											
7	.07	.06	.05	.04	.03	.04	.06	.06	.06	.04	.04	.03	.04	.03	.03		.05	.04	.05	.09	.07	.07	.06	.06	.050	23	.10
8	.07	.07	.08	.07	.07	.06	.07	.09	.09	.09	.05	.05	.02	.03	.03		.04	.05	.04	.04	.05	.08	.09	.06	.060	23	.10
9*																											
10*																											
11																											
12	.06	.03	.04	.04	.03	.04	.05	.06	.07	.08	.07	.07	.07	.05	.07		.09	.07	.07	.05	.03	.03	.03	.03	.053	23	.09
13	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04		.05	.05	.04	.04	.03	.03	.03	.03	.031	23	.05
14	.03	.02	.02	.01	.01	.02	.02	.03	.03	.02	.03	.03	.03	.03	.03		.05	.09	.06	.05	.04	.04	.04	.04	.033	23	.09
15	.04	.05	.04	.04	.04	.05	.07	.11	.10	.06	.05	.05	.05	.07	.06		.12	.09	.07	.09	.08	.08	.09	.08	.068	23	.13
16*	.08	.07	.05	.05	.04	.04	.05	.05						.02	.02		.03	.03	.04	.07	.08	.08	.07	.07	.052	18	.09
17*	.07	.07	.07	.06	.05	.05	.06	.04	.03	.02	.02	.02	.02	.02	.02		.01	.02	.02	.03	.04	.05	.05	.05	.038	23	.07
18	.04	.03	.04	.05	.06	.07	.07	.08	.07	.04	.03	.03	.02	.02	.02		.03	.03	.08	.07	.04	.07	.10	.13	.054	23	.15
19	.09	.11	.09	.09	.10	.09	.09	.11	.09	.06	.06	.07	.06	.06	.06		.06	.06	.09	.07	.07	.07	.04	.04	.074	23	.13
20	.04	.03	.04	.04	.02	.03	.05	.06	.07	.09	.09	.06	.06	.06			.09	.09	.09	.07	.06	.06	.06	.06	.060	22	.10
21	.05	.03	.02	.02	.02	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03		.04	.04	.04	.05	.06	.03	.04	.03	.035	23	.06
22	.02	.02	.02	.02	.02	.04	.05	.05	.04	.03	.03	.02	.02	.02	.03		.04	.03	.03	.03	.03	.03	.03	.03	.029	23	.07
23*	.03	.02	.02	.03	.02	.02	.03	.05	.05	.05	.05	.04	.03	.02	.01		.04	.04	.02	.04	.05	.04	.05	.05	.035	23	.07
24*	.05	.06	.04	.04	.02	.02	.03	.02	.02	.04	.04	.01	.01	.02	.03		.05	.04	.04	.05	.04	.05	.05	.05	.035	23	.06
25	.05	.04	.03	.04	.04	.05	.05	.05	.04	.04	.03	.03					.05	.04	.05	.08	.08	.09	.07	.06	.050	20	.09
26	.08	.09	.09	.08	.07	.07	.08	.11	.10	.05	.06	.05	.02	.05	.05		.05	.05	.05	.06	.06	.07	.08	.09	.066	23	.13
27	.08	.06	.03	.03	.03	.03	.04	.05	.04	.04	.05	.07	.07	.04	.04		.06	.04	.05	.03	.03	.03	.03	.03	.042	23	.08
28	.04	.04	.03	.03	.02	.03	.04	.05	.05	.05	.06	.05	.04	.03	.03			.04	.05	.03	.03	.04	.04	.04	.040	22	.06
29	.04	.05	.07	.06	.05	.05	.06	.07	.09	.09	.10	.14	.06	.04			.04	.04	.05	.05	.05	.04	.04	.04	.059	22	.17
30*	.04	.04	.04	.04	.03	.04	.04	.05	.05	.05	.06	.05	.05	.04	.05		.04	.03	.03	.04	.04	.04	.04	.04	.041	23	.07
MEAN	.05	.04	.04	.04	.04	.04	.05	.06	.05	.05	.05	.04	.04	.03	.03		.05	.04	.05	.05	.05	.05	.05	.05	.045		
NO	26	26	26	26	26	26	26	26	24	24	23	24	23	24	22		25	26	26	26	25	25	25	25		575	
MAX	.09	.11	.09	.09	.10	.09	.09	.11	.10	.09	.10	.14	.07	.07	.07		.12	.09	.09	.09	.08	.09	.10	.13	.074		.17

* Indicates Saturday or Sunday

Local standard time used

Table 3-80. JULY, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.04	.04	.04	.05	.05	.06	.06	.06	.03	.02	.02	.02	.02	.02	.02	.00	.02	.02	.02	.03	.04	.03	.04	.04	.033	23	.07
2	.03	.02	.02	.03	.03	.03	.04	.05	.05								.04	.04	.05	.04	.05	.04	.06	.05	.036	18	.06
3	.04	.05	.06	.06	.06	.06	.05	.06	.07	.06	.06	.05	.04	.04	.05		.05	.06	.05	.05	.06	.05	.06	.06	.054	23	.08
4	.06	.06	.05	.05	.05	.05	.05	.04	.02	.03	.03	.02	.02	.02	.02		.02	.03	.05	.04	.04	.05	.06	.06	.039	23	.06
5	.05	.04	.02	.03	.03	.04	.05	.06	.06	.04	.04	.03	.03	.03	.06		.04	.03	.02	.03	.02	.02	.03	.04	.036	23	.08
6	.04	.03	.04	.04	.04	.04	.05	.05	.06	.04	.04	.04	.05	.05	.06		.06	.07	.06	.07	.04	.04	.05	.06	.048	23	.09
7*	.05	.04	.04	.03	.02	.03	.03	.03		.03	.02	.01	.01	.01	.02		.03	.02	.03	.04	.06	.04	.05	.08	.031	22	.09
8*	.07	.05	.04	.05	.07	.04	.03	.03	.06	.08	.07	.04	.03	.03	.04		.03	.04	.02	.03	.03	.03	.03	.02	.042	23	.09
9	.03	.04	.02	.02	.02	.04	.05	.06	.04	.04	.04	.03	.03	.02	.02		.03	.03	.02	.03	.04	.04	.03	.03	.033	23	.06
10	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.02	.03		.04	.03	.03	.04	.05	.05	.05	.05	.033	23	.06
11	.05	.05	.05	.05	.04	.04	.06	.10	.14	.07	.04	.03	.04	.04	.04		.06	.07	.06	.09	.09	.08	.08	.09	.063	23	.16
12	.09	.09	.09	.07	.06	.07	.09	.09	.09	.11	.08	.11	.10	.08	.06		.06	.05	.07	.06	.07	.07	.06	.07	.077	23	.13
13	.06	.07	.07	.04	.04	.04	.05	.05	.04		.02	.03	.03	.03	.03		.03	.03	.03	.04	.03	.03	.02	.01	.036	22	.08
14*	.01	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.01	.03		.08	.08	.07	.07	.07	.06	.05	.05	.027	21	.09
15*	.04	.05	.04	.04	.03	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02		.02	.03	.03	.05	.07	.07	.07	.06	.036	23	.08
16	.06	.04	.03	.03	.05	.06	.07	.08	.09	.08	.09	.07	.07	.07	.08		.09	.04	.06	.05	.03	.04	.04	.05	.059	23	.10
17	.05	.03	.03	.03	.04	.05	.05	.05	.05	.04				.04	.05		.05	.03	.03	.02	.03	.03	.03	.04	.037	20	.06
18	.04	.03	.04	.02	.03	.04	.04	.04	.05	.04	.03	.03	.04	.07	.07		.08	.08	.06	.06	.06	.06	.06	.06	.048	23	.09
19	.06	.06	.05	.04	.03	.03	.03	.04	.06	.05	.04	.02	.01	.01	.02		.05	.04	.05	.07	.08	.08	.07	.07	.045	23	.08
20	.06	.06	.06	.05	.05	.05	.08	.10	.12	.14	.08	.04	.03	.02	.03		.05	.06	.06	.08	.05	.07	.05	.06	.062	23	.15
21*	.06	.04	.06	.04	.03	.05	.05	.06									.06	.05	.09	.05	.03	.07	.06	.06	.052	16	.10
22*	.04	.04	.04	.04	.04	.05	.04	.03		.02	.02	.02	.02	.01	.02		.04	.03	.06	.07	.08	.06	.06	.04	.039	22	.10
23	.05	.05	.06	.06	.06	.05	.06	.06	.08	.08	.09	.05	.02	.04	.05		.06	.07	.07	.03	.04	.04	.05	.04	.054	23	.11
24	.03	.03	.02	.03	.02	.03	.04	.04	.02	.02	.01	.01	.01	.01	.02		.04	.03	.03	.05	.06	.06	.06	.06	.031	23	.07
25	.05	.03	.03	.04	.05	.04	.05	.06	.05	.04	.04	.01	.02	.01	.02	.00	.02	.02	.02	.02	.04	.03	.05	.06	.033	24	.07
26	.04	.03	.04	.04	.04	.04	.04	.05		.03	.03	.03	.03	.03	.03		.04	.03	.03	.04	.04	.03	.03	.03	.035	22	.06
27	.03	.02	.03	.02	.03	.04	.04	.05		.03	.03	.03	.02	.02	.03		.04	.04	.04	.05	.05	.05	.05	.05	.034	22	.05
28*	.05	.05	.05	.05	.05	.06	.06	.05			.02		.02	.02	.02	.00	.02	.05	.06	.05	.03	.03	.05	.07	.040	21	.09
29*	.06	.05	.06	.06	.03	.03	.04	.03	.04	.04	.02	.01	.01	.02	.01	.00	.02	.03	.05	.04	.03	.03	.03	.03	.031	24	.08
30	.03	.02	.02	.02	.04	.04	.05	.07	.08	.08	.09	.08	.07	.08	.07	.02	.05	.03	.03	.03	.03	.03	.04	.05	.047	24	.09
31	.05	.06	.06	.06	.06	.05	.07	.08	.08	.08	.08	.05	.04	.04	.04	.01	.03	.03	.02	.02	.03	.04	.05	.05	.048	24	.10
MEAN	.05	.04	.04	.04	.04	.04	.05	.05	.06	.05	.04	.03	.03	.03	.03		.04	.04	.04	.05	.05	.05	.05	.05	.043		
NO	31	31	31	31	31	31	31	31	24	26	28	27	28	29	29	6	31	31	31	31	31	31	31	31		693	
MAX	.09	.09	.09	.07	.07	.07	.09	.10	.14	.14	.09	.11	.10	.08	.08	.02	.09	.08	.09	.09	.09	.08	.08	.09	.077		.16

* Indicates Saturday or Sunday

Local standard time used

Table 3-81. AUGUST, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.04	.05	.04	.03	.03	.04	.05	.06	.05	.05	.04	.03	.03	.03	.03	.01	.03	.04	.05	.05	.07	.06	.06	.05	.043	24	.07
2	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.03	.03	.03	.03	.01	.04	.04	.05	.09	.09	.05	.04	.04	.042	24	.10
3	.06	.05	.04	.04	.05	.05	.07	.08	.06	.05	.03	.01	.00	.01	.00	.00	.02	.02	.03	.04	.04	.04	.05	.04	.036	24	.09
4*	.04	.03	.03	.04	.03	.03	.04	.04	.03								.02	.01	.02	.03	.04	.04	.04	.03	.031	17	.04
5*	.04	.04	.04	.04	.03	.03	.04	.03	.04	.04	.03	.02	.02	.01	.01		.01	.02	.03	.03	.03	.03	.03	.02	.027	23	.04
6	.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.03	.02	.01	.02	.05		.03	.02	.02	.02	.02	.02	.02	.02	.026	23	.07
7	.02	.01	.01	.02	.01	.02	.02	.03	.02	.02	.02	.02	.02	.03	.05			.08	.08	.08	.07	.08	.08	.06	.038	22	.10
8	.04	.05	.04	.05	.04	.04	.05	.06	.06	.04	.03	.03	.03	.02											.040	14	.06
9																											
10																											
11*																											
12*	.05	.05	.04	.04	.04	.04	.04	.05	.04	.02	.02	.03	.03	.02		.02	.02	.02	.03	.03	.04	.04	.05	.04	.034	23	.06
13	.04	.03	.04	.05	.05	.05	.06	.07	.06	.04	.03	.02	.02	.02		.03	.03	.03	.02	.04	.03	.04	.03	.03	.037	23	.08
14	.02	.02	.02	.03	.04	.04	.04	.05	.04	.04	.03	.03	.02	.02		.04	.04	.03	.04	.05	.05	.05	.04	.04	.034	23	.05
15																											
16																											
17	.04	.06	.07	.05	.05	.05	.05	.06	.06	.06	.06	.07	.05	.04		.05	.06	.05	.06	.07	.08	.06	.08	.08	.058	23	.09
18*	.07	.05	.03	.03	.02	.03	.04	.03	.03	.03	.02	.02	.02			.02	.02	.02	.03	.05	.06	.06	.08	.08	.038	22	.08
19*	.09	.06	.06	.06	.06	.05	.06	.06	.08	.06	.04	.04	.06	.04		.04	.04	.03	.03	.03	.03	.03	.03	.04	.047	23	.10
20	.04	.06	.06	.03	.02	.04	.07	.09	.07	.07	.07	.09	.10	.09		.04	.05	.08	.10	.09	.06	.06	.08	.08	.066	23	.11
21	.07	.07	.07	.03	.04	.05	.07	.07	.07	.06				.04		.06	.08	.06	.06	.07	.08	.07	.08	.07	.063	20	.10
22	.07	.06	.05	.04	.03	.04	.04	.05	.04	.04	.04	.03	.03	.03		.04	.05	.04	.04	.05	.07	.08	.08	.07	.048	23	.08
23	.07	.05	.04	.04	.03	.04	.04	.05	.05	.05	.05	.04	.05	.05		.04	.04	.04	.04	.04	.05	.05	.04	.05	.043	23	.08
24	.04	.04	.04	.04	.04	.04	.05	.08		.04	.04	.05	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.042	22	.11
25*	.04	.04	.04	.04	.04	.04	.04	.05	.05	.03	.03	.02				.02	.02	.02	.03	.03	.04	.03	.03	.03	.033	21	.06
26*	.04	.04	.04	.04	.03	.03	.03	.04		.06	.06	.04	.02	.02		.02	.02	.02	.02	.03	.04	.04	.04	.04	.034	22	.07
27																											
28																											
29	.04	.04	.04	.04	.04	.04	.04	.05				.03	.03			.03	.04	.04	.06	.08	.09	.09	.09	.07	.050	19	.10
30	.04	.04	.06	.06	.05	.06	.07	.14			.19	.13	.07	.06			.09	.05	.04	.07	.05	.03	.03	.03	.067	20	.20
31																											
MEAN	.05	.04	.04	.04	.04	.04	.05	.06	.05	.04	.04	.04	.03	.03	6	.03	.04	.04	.04	.05	.05	.05	.05	.05	.042		
NO	23	23	23	23	23	23	23	23	19	20	20	21	20	19		17	21	22	22	22	22	22	22	22		501	
MAX	.09	.07	.07	.06	.06	.06	.07	.14	.08	.07	.19	.13	.10	.09	.05	.06	.09	.08	.10	.09	.09	.09	.09	.08	.067		.20

* Indicates Saturday or Sunday

Local standard time used

Table 3-82. SEPTEMBER, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*																											
2*	.05	.05	.05	.05	.04	.04	.04	.02	.01	.01	.01	.02	.02	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.027	23	.06
3	.02	.01	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04		.04	.04	.03	.04	.04	.04	.03	.04	.05	.031	23	.06
4	.05	.05	.05	.05	.04	.04	.04	.07	.05	.05	.04	.03	.03	.04		.04	.04	.04	.03	.03	.03	.02	.03	.03	.040	23	.09
5	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.05	.03	.033	23	.05
6	.02	.01	.01	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02		.03	.04	.04	.05	.05	.05	.04	.04	.04	.029	23	.05
7	.04	.03	.03	.03	.03	.03	.03	.04	.05					.05		.06	.06	.07	.09	.12	.13	.12	.11	.09	.063	19	.13
8*	.09	.08	.08	.06	.06	.06	.06	.11	.21	.12	.06	.04	.03			.02	.01	.01	.02	.02	.02	.01	.02	.04	.055	22	.22
9*	.07									.03	.03	.02	.02	.02		.02	.02	.02	.04	.05	.05	.04	.04	.03	.033	15	.07
10	.03	.04	.04	.04	.04	.03	.03	.04	.04	.04	.03	.04	.04	.04		.03	.04	.03	.03	.03	.03	.03	.03	.04	.035	23	.05
11	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03		.02	.02	.02		.03	.04	.04	.06	.06	.06	.06	.05	.05	.039	22	.07
12	.05	.04	.04	.03	.04	.04	.05	.06	.05	.04	.04	.04	.04	.04		.04	.04	.04	.04	.05	.05	.05	.05	.04	.043	23	.06
13																											
14	.09	.07	.09	.06	.07	.10	.10	.09	.10	.08	.09	.06	.04	.04		.05	.05	.06	.04	.04	.04	.08	.07	.06	.067	23	.12
15*	.05	.05	.05	.03	.03	.04	.04	.04	.04	.03	.03	.03		.02		.03	.03	.04	.05	.07	.07	.06	.06	.06	.043	22	.07
16*	.05	.04	.04	.03	.04	.04	.04	.04			.01	.03	.03	.04		.06	.06	.06	.06	.07	.06	.06	.05	.03	.044	21	.08
17	.04	.03	.02	.02	.01	.02	.04	.04	.04	.04	.04	.05	.05	.04		.06	.07	.05	.05	.06	.05	.04	.03	.03	.039	23	.07
18	.03	.03	.03	.03	.03	.04	.04	.05	.04	.03	.03	.02	.02	.02		.03	.03	.03	.04	.04	.04	.04	.04	.04	.032	23	.05
19	.04	.04	.04	.03	.02	.01	.01	.02		.03	.02	.03	.02	.02		.06	.07	.05	.03	.03	.04	.03	.04	.04	.033	22	.07
20	.04	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.01	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	23	.04
21	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.02		.04	.04		.04	.04	.05	.06	.06	.05	.06	.06	.06	.037	22	.07
22*	.06	.06	.06	.05	.05	.05	.05	.05	.05	.02						.02	.02	.03	.03	.03	.03	.03	.03	.03	.039	19	.06
23*	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.02	.03	.02	.03		.03	.04	.04	.04	.05	.05	.05	.05	.05	.035	23	.06
24	.04	.04	.04	.04	.03	.04	.04	.04	.05	.04	.03	.03	.03	.03		.04	.05	.04	.06	.05	.06	.06	.07	.07	.044	23	.08
25	.07	.06	.07	.06	.05	.04	.05	.05				.02	.02	.02		.03	.04	.03	.03	.03	.02	.02	.03	.05	.040	20	.08
26	.05	.05	.04	.04	.04	.03	.03	.03	.04	.04	.05	.04	.04	.03		.07	.07	.07	.06	.06	.06	.05	.05	.05	.046	23	.08
27	.04	.04	.03	.02	.03	.04	.04	.04	.04		.05	.05	.05	.05		.05	.05	.04	.03	.04	.04	.03	.03	.04	.039	22	.06
28	.02	.01	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.03		.03	.04	.04	.04	.04	.03	.03	.04	.05	.031	23	.05
29*	.04	.03	.02	.02	.02	.02	.02	.03	.03	.02	.02	.03	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.04
30*	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03	.04	.03	.02	.02		.03	.03	.03	.05	.04	.05	.06	.05	.06	.031	23	.07
MEAN	.04	.04	.04	.03	.03	.03	.04	.04	.05	.04	.03	.03	.03	.03		.04	.04	.04	.04	.05	.04	.04	.04	.04	.038		
NO	28	27	27	27	27	27	27	27	24	24	24	25	25	26		28	28	28	28	28	28	28	28	28		617	
MAX	.09	.08	.09	.06	.07	.10	.10	.11	.21	.12	.09	.06	.05	.05		.07	.07	.07	.09	.12	.13	.12	.11	.09	.067		.22

* Indicates Saturday or Sunday

Local standard time used

Table 3-83. OCTOBER, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.06	.06	.06	.05	.05	.05	.06	.09	.11	.18	.19	.07	.08	.06											.082	14	.24
2				.05	.05	.05	.05	.07			.13	.10	.08	.08		.08	.10	.09	.06	.07	.07	.07	.07	.07	.073	18	.15
3	.07	.07	.08	.07	.07	.08	.08	.10	.10		.07	.03	.01	.01		.06	.06	.05	.03	.05	.05	.06	.06	.05	.060	22	.11
4	.05	.04	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.03	.04	.03	.03	.04	.03	.040	23	.05
5	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.04
6*	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.07			.04	.05	.05	.05	.05	.05	.05	.04	.04	.040	20	.14
7*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02		.02	.03	.03	.04	.03	.03	.03	.03	.03	.024	23	.04
8	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.06	.05		.08	.10	.09	.09	.10	.08	.09	.09	.09	.057	23	.12
9	.07	.05	.05	.05	.04	.04	.04	.05	.05	.06	.08	.07	.08	.07			.07	.06	.05	.04	.03	.03	.03	.02	.050	22	.09
10	.02	.01	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.03	.03		.04	.05	.05	.06	.06	.05	.05	.05	.04	.035	23	.06
11	.04	.04	.04	.03	.04	.04	.07	.09	.12	.16	.08	.07	.06	.03		.10	.15	.10	.09	.09	.07	.07	.06	.06	.074	23	.18
12	.05	.06	.06	.06	.08	.08	.05	.07	.10	.10	.09	.06	.07	.09		.03	.04	.08	.08	.06	.04	.04	.02	.02	.061	23	.11
13*	.02	.01	.01	.01	.01	.02	.02	.02	.02							.03	.04	.05	.05	.05	.06	.05	.05	.04	.031	18	.06
14*	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.04		.03	.04	.06	.07	.09	.07	.05	.06	.05	.046	23	.09
15	.06	.07	.06	.06	.06	.06	.06	.07	.08	.10	.09	.06	.04	.04		.06	.07	.06	.06	.05	.05	.06	.06	.06	.061	23	.11
16	.05	.05	.05	.05	.05	.05	.05	.05			.04	.04	.04	.03		.02	.03	.03	.03	.04	.03	.04	.06	.05	.041	21	.07
17	.05	.04	.03	.04	.04	.05	.04	.04	.05	.03	.02	.02	.02	.03		.03									.035	15	.06
18																											
19	.05	.05	.04	.04	.04	.03	.04	.06	.10	.10	.07	.06	.05	.05		.06	.07	.05	.04	.04	.04	.05	.05	.04	.052	23	.12
20*	.05	.05	.04	.04	.04	.04	.04	.05	.06	.06	.06	.07		.05		.05	.07	.10	.11	.12	.10	.07	.06	.06	.063	22	.14
21*	.07	.08	.06	.06	.04	.05	.07	.07	.07	.06	.05	.06	.03	.03		.03	.03	.04	.03	.02	.03	.03			.047	21	.09
22						.03	.03	.03	.03	.03	.02	.02	.03	.03		.03	.03	.04	.04	.04	.02	.03	.02		.029	17	.04
23					.02	.03	.04	.05	.05	.04	.04	.05	.05	.04		.03	.03	.04	.04	.04	.04	.03	.03	.03	.036	19	.06
24																											
25																											
26							.03	.03	.03	.03	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	17	.04
27*																											
28*																											
29	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.02	.03	.02	.02	.02	.023	23	.04
30	.03	.02	.02	.02	.03	.03	.02	.03	.05	.04	.04	.04	.04	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.05
31	.03	.03	.03	.03	.03	.03	.02	.03	.03	.02	.03	.03	.03	.03		.02	.03	.03	.02	.02	.02	.02	.02	.02	.025	23	.03
MEAN	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06	.05	.04	.04	.04		.04	.05	.05	.05	.05	.04	.04	.04	.04	.045		
NO	22	22	22	23	24	25	26	26	23	21	25	25	24	24		24	24	24	24	24	24	24	23	22		545	
MAX	.07	.08	.08	.07	.08	.08	.08	.10	.12	.18	.19	.10	.08	.09		.10	.15	.10	.11	.12	.10	.09	.09	.09	.082		.24

* Indicates Saturday or Sunday

Local standard time used

Table 3-84. NOVEMBER, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.03	.03	.04	.04	.04	.05	.04	.025	23	.05
2	.03	.03	.03	.03	.04	.04	.04	.05	.06	.04	.04	.04	.04	.05		.05	.05	.04	.04						.040	18	.07
3*																											
4*	.02	.02	.02	.02	.02	.02	.03	.02	.02			.02	.02	.02		.02	.03	.03	.03	.03	.03	.02	.03	.03	.024	21	.03
5	.03	.03	.02	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.03					.029	19	.04
6																											
7								.05	.06	.08	.09	.07	.07	.06		.05	.05	.06	.06	.05	.05	.05	.06	.06	.061	16	.15
8	.05	.07	.05	.05	.07	.10	.11	.09	.10	.10	.12	.17	.19	.16		.06	.06	.06	.05	.05	.05	.04	.04	.04	.082	23	.22
9	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03		.04	.05	.05	.06	.06	.06	.05	.05	.04	.040	23	.07
10*	.03	.02	.02	.02	.01	.02	.02	.03	.03	.02	.02	.02	.03			.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	22	.04
11*	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02		.02	.02	.03	.03	.02	.03	.03	.03	.03	.020	23	.03
12	.03	.03	.02	.01	.01	.01											.06	.06	.06	.06	.04	.04	.04	.04	.035	14	.07
13	.04	.04	.05	.06	.05	.05	.05	.06	.07	.09	.09	.06	.04	.04		.03	.03	.03	.03	.03	.03	.03	.03		.047	22	.10
14																											
15																											
16											.05	.04	.04	.04		.05	.05	.05	.05	.05	.04	.04	.03	.03	.043	13	.06
17*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.06		.06	.06	.06	.06	.06	.05	.06	.05	.05	.043	23	.07
18*	.04	.04	.04	.03	.03	.03	.03	.03	.02			.02	.02	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	21	.05
19	.02	.02	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.05	.05	.04	.04	.031	23	.05
20	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04		.03	.03	.03	.03	.03	.04	.04	.03	.03	.036	23	.06
21	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.02	.02	.02	.03	.03	.027	23	.03
22	.03	.03	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.022	23	.03
23	.02	.02	.02											.02		.02	.03	.03	.03	.03	.04	.04	.03	.03	.027	13	.05
24*	.03	.03	.02	.02							.02	.02		.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.027	16	.03
25*	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04											.032	14	.05
26																											
27						.03	.03	.03	.04	.04	.05	.04	.03	.03		.03	.04	.05	.05	.05	.05	.04	.05	.05	.040	18	.05
28	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04		.04	.04	.05	.05	.04	.04	.04	.05	.05	.043	23	.05
29	.05	.05	.04	.05	.04	.04	.04	.04	.04	.05				.08		.07	.07	.06	.07	.07	.07	.06	.06	.06	.055	20	.09
30	.07	.08	.08	.08	.07	.06	.06	.07	.08	.10	.10	.10	.09	.07		.06	.06	.07	.14	.22	.20	.16	.13	.10	.097	23	.24
MEAN	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04		.04	.04	.04	.04	.05	.05	.04	.04	.04	.039		
NO.	22	22	22	21	20	21	20	21	21	19	20	22	21	23		23	24	24	24	23	22	22	22	21		500	
MAX	.07	.08	.08	.08	.07	.10	.11	.09	.10	.10	.12	.17	.19	.16		.07	.07	.07	.14	.22	.20	.16	.13	.10	.097		.24

* Indicates Saturday or Sunday

Local standard time used

Table 3-85. DECEMBER, 1962, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

AT OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	.09	.10	.10	.08	.06	.05	.05	.05	.06	.09	.11	.10	.10	.07		.06	.09	.08	.06	.00	.00	.00	.00	.00	.061	22	.12
2*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.05	.06	.05		.06	.06	.06	.05	.05	.05	.04	.04	.04	.027	22	.06
3	.04	.03	.03	.03	.04	.04	.04	.03	.04	.05						.10	.10	.08	.08	.10	.10	.07	.09	.08	.061	19	.13
4	.08	.09	.09	.10	.10	.10	.09	.08	.09	.11	.13	.13	.11	.10		.10	.10	.13	.10	.07	.06	.07	.07	.07	.093	23	.14
5	.06	.05	.04	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03		.04	.04	.04	.04	.03	.03	.03	.03	.03	.036	23	.06
6	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.03		.02	.02	.02	.03	.03	.03	.03	.03	.03	.029	23	.05
7	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03			.03	.03		.03	.03	.03	.03						.027	16	.03
8*										.03	.03	.03	.03	.03		.03	.04	.04	.05	.04	.04	.04	.04	.04	.036	14	.05
9*	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04		.05	.05	.04	.04	.04	.03	.03	.03	.02	.035	23	.05
10	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.023	23	.03
11																											
12																											
13	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.033	23	.05
14	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.04	.04	.04	.04	.034	23	.05
15*	.05	.04	.04	.04	.04	.04	.04	.04	.04		.05	.05	.04	.03		.03	.03	.03	.03						.038	17	.05
16*																											
17	.04	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.03	.03	.04	.03	.035	22	.04
18	.03	.04	.03	.03	.03	.03	.04	.04	.04	.05	.06	.05	.04	.03		.04	.04	.04	.04	.03	.03	.03	.02	.03	.038	23	.06
19	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	21	.03
20	.06	.04	.05	.04	.04	.05	.03	.03	.03	.05	.04	.04	.03	.03		.05	.05	.06	.03	.07	.07	.07	.07	.07	.050	22	.08
21	.03	.03	.03	.03	.02	.03	.03	.03								.03	.04	.04	.03	.03	.03	.03	.03	.03	.034	21	.07
22*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05		.05	.05	.05	.04	.04	.04	.04	.04	.04	.038	20	.05
23*	.04	.04	.04	.04	.04	.04	.05	.05	.04	.05			.06	.05		.05	.05	.05	.05	.05	.04	.04	.04	.04	.044	23	.06
24	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.05	.05	.03		.03	.04	.04	.05	.05	.05	.04	.03	.03	.044	22	.08
25	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.03	.03		.03	.04	.04	.05	.04	.04	.04	.04	.04	.030	23	.04
26	.05	.05	.05	.04	.04	.04	.04	.04	.04	.05	.05	.04	.06	.06		.05	.05	.05	.06	.04	.04	.04	.04	.04	.046	23	.06
27	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04			.03	.04		.03	.03	.03	.04	.04	.04	.04	.04	.04	.037	23	.05
28	.04	.04	.04	.05	.04	.03	.03	.03	.04	.04	.07	.06	.03	.03		.04	.04	.04	.05	.05	.05	.05	.05	.04	.042	22	.06
29*	.04	.04	.05	.06	.05	.05	.05	.05	.06	.06	.01	.06	.05	.05		.04	.05	.04	.05	.06	.06	.07	.07	.04	.042	22	.08
30*	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02		.02	.03	.04	.04	.04	.04	.04	.04	.04	.048	23	.08
31	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02					.03	.03	.03	.03	.02	.02	.02	.02	.02	.018	23	.03
MEAN	.04	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.039		
NO	27	28	28	28	28	28	28	28	27	27	21	25	25	26		28	29	27	27	27	27	27	27	27		624	
MAX	.09	.10	.10	.10	.10	.10	.09	.08	.09	.11	.13	.13	.11	.10		.10	.13	.10	.07	.09	.07	.07	.09	.08	.093		.14

* Indicates Saturday or Sunday

Local standard time used

Table 3-86. JANUARY, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1	.02	.02	.02	.02	.03	.02	.02	.02	.02	.01	.02	.01	.02	.02		.03	.03	.03	.03	.03	.03	.02	.02	.02	.022	23	.03
2	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.04	.03	.03	.03	.030	23	.04
3	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.05	.05	.05		.05	.05	.05	.05	.05	.05	.04	.05	.05	.041	23	.06
4	.07	.05	.05	.05	.04	.04	.03	.04	.04	.04	.04	.04	.03	.03				.04	.04	.04	.04	.04	.03	.03	.040	21	.08
5*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04		.03	.03	.04	.04	.04	.04	.05	.04	.04	.035	23	.05
6*	.04	.04	.04	.05	.05	.05	.04	.04	.04	.04	.04	.05	.05	.06		.06	.07	.06	.06	.06	.06	.06	.06	.05	.050	23	.07
7	.06	.07	.06	.05	.04	.04	.04	.05	.07	.10	.09	.10	.12	.17		.10	.07	.07	.06	.06	.06	.06	.06	.06	.072	23	.18
8	.06	.06	.06	.07	.06	.06	.06	.07	.06	.06	.07	.06	.06	.06		.06	.06	.07	.08	.08	.07	.05	.04	.04	.062	23	.08
9	.04	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.04	.05	.04		.04	.04	.04	.04	.04	.05	.05	.05	.05	.040	23	.06
10	.05	.05	.05	.05	.06	.06	.07	.06	.05	.07	.12	.12	.11	.07		.06	.06	.05	.05	.05	.06	.06	.07	.07	.066	23	.14
11	.06	.11	.10	.08	.07	.06	.08	.10	.09	.06	.05	.05	.04	.05											.070	14	.13
12*										.04	.04	.03	.03	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.031	14	.04
13*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02		.02	.02	.02	.02	.02	.03	.02	.02	.02	.022	23	.03
14	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.03	.04	.03	.025	23	.04
15	.04	.04	.04	.03	.04	.04	.03	.03	.03	.04	.05	.04	.04	.05		.04	.04	.04	.05	.05	.05	.04	.04	.04	.040	23	.05
16	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.07	.07		.06	.06	.05	.05	.05	.04	.04	.04	.04	.044	23	.08
17	.04	.04	.04	.05	.04	.04	.04	.04	.04				.07	.09		.04	.04	.05	.05	.04	.04	.05	.05	.05	.046	20	.10
18	.06	.05	.04	.04	.05	.05	.05	.05	.06	.06	.08	.08	.08	.08		.07	.08	.06	.06	.06	.05	.04	.04	.04	.057	23	.09
19*	.03	.03	.03	.02	.01	.01	.01	.01	.00	.00	.01	.01	.01	.00		.04	.04	.04	.04	.04	.04	.04	.04	.05	.023	23	.05
20*	.05	.05	.05	.05	.05	.04	.04	.05	.05	.05	.03	.03	.03	.03		.02	.03	.04	.05	.05	.05	.04	.03	.03	.040	23	.05
21	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04				.03	.03	.03	.03	.03	.03	.03	.03	.03	.032	21	.04
22	.03	.02	.02	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.03	.04	.04	.03	.04	.029	23	.04
23	.04	.03	.02	.04	.03	.03	.03	.04	.04	.03	.04	.04	.05	.04		.04	.04	.04	.04	.04	.03	.02	.02	.02	.034	23	.05
24	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02		.02	.02		.03	.03	.04	.04	.04	.03	.03	.03	.03	.023	22	.04
25	.03	.03	.03	.03	.03	.03	.03	.03	.03							.03	.04	.03	.03	.03	.04	.04	.04	.04	.033	18	.04
26*																											
27*	.04	.04	.03			.03	.03	.03	.03	.03	.03	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.028	21	.04
28	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03											.027	14	.04
29																											
30	.04	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.06	.07		.07	.06	.07	.06	.06	.05	.05	.05	.05	.054	23	.08
31	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.04		.05	.06	.07	.07	.07	.07	.07	.06	.06	.052	23	.08
MEAN	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05		.04	.04	.04	.04	.04	.04	.04	.04	.04	.040		
NO.	28	28	28	27	27	28	28	28	28	27	27	26	27	27		26	26	27	27	27	27	27	27	27		625	
MAX	.07	.11	.10	.08	.07	.06	.08	.10	.09	.10	.12	.12	.12	.17		.10	.08	.07	.08	.08	.07	.07	.07	.07	.072		.18

* Indicates Saturday or Sunday

Local standard time used

Table 3-87. FEBRUARY, 1963. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.06	.05	.05	.05	.05	.06	.05	.06	.06	.06	.06	.07	.07	.07		.06	.07	.06	.06	.05	.05	.05	.05	.05	.056	23	.07
2*																											
3*							.03	.04	.05	.05	.04	.04	.03	.03		.03	.04	.04	.05	.04	.04	.04	.04	.04	.039	17	.05
4							.05	.05	.05	.05	.04	.05	.05	.05				.08	.07	.07	.07	.07	.07	.06	.054	21	.08
5	.04	.04	.05	.04	.05	.05																					
6	.06	.06	.06	.07	.08	.07	.07	.10	.12	.14	.23	.32	.19	.13			.09	.09	.10	.12	.18	.20	.22	.18	.129	22	.36
7	.16	.13	.08	.08	.07	.08	.10	.10	.14	.11	.08	.07	.07	.06		.06	.05	.04	.04	.03	.03	.03	.03	.03	.072	23	.17
8	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03	.023	22	.03
9*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06	.06	.05		.03	.04	.05	.04	.04	.04	.03	.03	.03	.037	23	.07
10*	.03	.04	.03	.03	.04	.03	.03	.03	.03			.03	.03	.02		.04	.05	.06	.06	.05	.05	.04	.04	.04	.038	21	.06
11	.04	.04	.03	.04	.04	.04	.04	.05	.05				.06	.05		.07	.07	.07	.05	.05	.04	.04	.03	.03	.046	20	.07
12	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	23	.03
13	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03		.04	.05			.05	.05	.05	.04	.04	.026	21	.05
14																									.024	15	.04
15	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02		.02											
16*																											
17*																											
18																											
19	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03	.02		.03	.03	.04	.04	.04	.04	.04	.04	.04	.030	23	.05
20																											
21																											
22																											
23*																											
24*																											
25																											
26	.04	.03	.02	.02	.02	.01	.02	.02	.02	.02	.02		.03	.02		.02	.03	.03	.02	.03	.03	.02	.02	.02	.022	21	.04
27	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.03	.03	.04	.025	23	.04
28	.03	.03	.02	.02	.02	.02	.02	.02	.02	.04	.03	.03	.03	.03				.04	.05	.04	.04	.04	.03	.03	.030	21	.05
MEAN	.03	.04	.04											.04													
NO	16	16	16	14	14	14							15	16		12	13	14	14	15	15	15	15	15		339	
MAX	.16	.13	.08	.08	.08	.08	.10	.10	.14	.14	.23	.32	.19	.13		.07	.09	.09	.10	.12	.18	.20	.22	.18	.129		.36

* Indicates Saturday or Sunday

Local standard time used

Table 3-88. MARCH, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS.	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.04	.04		.05		.05	.05	.05	.05	.05	.05	.05	.05	.05	.037	22	.05
2*	.05	.05	.05	.05	.05	.04	.04	.04	.03	.04	.04	.04	.04	.04		.05	.05	.05	.05	.05	.05	.04	.06	.05	.045	23	.08
3*	.05	.06	.06	.05	.06	.05	.05	.05	.05		.04	.06	.03	.03		.05	.06	.06	.06	.06	.06	.07	.07	.06	.053	22	.08
4	.06	.07	.06	.05	.06	.05	.05	.06	.07	.09	.07	.05	.06	.06			.07	.07	.07	.08	.08	.08	.07	.08	.066	22	.10
5	.06	.05	.05	.04	.04	.04	.04	.04	.05	.06	.06	.06	.06	.05		.05	.05	.05	.04	.04	.04	.04	.04	.03	.046	23	.07
6										.03	.03	.02	.03	.03		.03	.03	.03	.04	.04	.04	.04	.04	.04	.034	14	.04
7										.04	.04	.04	.04	.03		.03	.03	.04	.04	.04	.05	.05	.05	.04	.040	23	.05
8	.04	.04	.04	.04	.04	.04	.04	.04	.04	.07	.10	.12	.11	.06			.06	.06	.05	.05	.05	.04	.03	.04	.058	22	.13
9*	.05	.04	.04	.04	.05	.04	.04	.05	.08	.04	.03	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.032	23	.05
10*	.04	.03	.05	.05	.04	.04	.04	.04	.04																		
11	.02	.02	.02	.01	.01	.01	.01	.02	.03	.03	.03	.03	.05	.05		.05	.05	.05	.05	.04	.05	.04	.04	.05	.033	23	.05
12																											
13																											
14	.04	.04	.03	.02	.01	.00	.00	.02	.02	.02	.01	.02	.02	.02		.03	.03	.04	.04	.04	.04	.04	.03	.04	.025	23	.05
15																											
16*																											
17*																											
18																											
19	.02	.02	.01	.00	.01	.01	.02	.03	.03	.04	.04						.04	.04	.04	.03	.03	.03	.03	.03	.026	19	.05
20	.04	.04	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.035	23	.05
21	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02							.04	.04	.03	.04	.04	.03	.02	.028	18	.04
22																											
23*																											
24*																											
25			.09	.09	.10	.08	.06	.09	.11	.12	.16	.14	.11	.07		.05	.07	.08	.07	.05	.05	.04	.03	.05	.081	21	.18
26	.06	.02	.01	.01	.01	.01	.02	.03	.06	.04	.03		.01	.01		.00	.01	.01	.01	.01	.01	.00	.01	.01	.017	22	.07
27																											
28																									.011	17	.02
29	.02	.02	.01	.00	.00	.00	.01	.01	.02	.02	.02	.01	.01	.02		.01	.01	.02							.008	22	.03
30*		.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.02	.02	.03		.01	.02	.01	.01	.01	.01	.01	.01	.01			
31*	.01	.01	.01	.01	.01	.00	.00	.00												.01	.02	.01	.01	.01	.007	13	.02
MEAN	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04			.04			.04	.04		.04	.04	.04	.04	.04	.037		
NO	16	17	18	18	18	18	18	18	17	17	18	15	15	16		14	17	18	17	18	18	18	18	18		395	
MAX	.06	.07	.09	.09	.10	.08	.06	.09	.11	.12	.16	.14	.11	.07		.05	.07	.08	.07	.08	.08	.08	.07	.08	.081		.18

* Indicates Saturday or Sunday

Local standard time used

Table 3-89. APRIL, 1963. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

Day of Month	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1																											
2																											
3																											
4	.02	.02	.02	.02	.02	.02	.01	.02	.04	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.00	.013	23	.05
5	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00		.00	.01	.02	.02	.02	.02	.02	.02	.02	.008	20	.03
6*	.02	.01	.01	.01	.01	.02	.01	.02	.02	.02	.01	.02	.01	.01				.02	.02	.00	.01	.01	.01	.02	.013	21	.04
7*	.02	.02	.03	.02	.03	.01	.01	.01	.02	.02	.02	.00	.00	.01		.01	.01	.00	.00	.00	.00	.00	.00	.00	.010	23	.04
8	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00			.01	.02	.01	.01	.03	.02	.00	.00	.006	22	.03
9																											
10																											
11		.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01		.00	.01	.01	.02	.02	.03	.03	.03	.02	.03	.014	22	.03
12																											
13*																											
14*																											
15																											
16	.02	.02	.01	.01	.01	.00	.01	.01	.01	.01	.00	.00	.00		.00	.01	.01	.02	.04	.05	.04	.03	.03	.02	.016	23	.05
17	.03	.02											.01	.01		.00	.01	.02	.03	.02	.02	.03	.03	.03	.019	13	.04
18	.03	.03	.03	.03	.03	.03	.04	.05	.07	.08	.03	.02	.02			.04	.04	.05	.07	.07	.07	.06	.06	.06	.045	22	.09
19	.06	.05	.03	.04	.05	.05	.05	.05	.05	.05	.05						.01	.04	.04	.04	.04	.05	.05	.04	.044	19	.06
20*	.04	.04	.03	.04	.03	.00	.00	.01	.01	.01	.00	.00	.00	.00			.01	.02	.02	.04	.05	.05	.04	.04	.021	22	.05
21*	.04	.03	.02	.02	.02	.03	.04	.05	.04	.03									.02	.02	.04	.07	.05	.03	.035	16	.07
22	.04	.03	.01	.01	.01	.01	.01	.02	.03	.03	.02	.03	.03	.03		.04	.04								.024	16	.05
23																			.03	.04	.03	.04	.03	.04	.027	14	.04
24		.01	.01	.01	.02	.02	.03	.03	.03								.03	.04	.04	.05	.05	.05	.05	.05	.040	17	.06
25	.04	.04	.03	.04	.04	.04	.04	.03	.03																		
26	.05	.05	.04	.04	.05	.05	.05	.05	.04	.04	.03	.02	.03	.03		.03	.03	.05	.05	.04	.04	.04	.04	.04	.040	23	.07
27*	.05	.05	.05	.04	.04						.03	.03	.03	.03		.03	.03	.04	.04	.03	.05	.05	.04	.05	.039	18	.06
28*																											
29	.05	.05	.05	.05	.05	.06	.08	.08	.09	.04	.03	.03	.02	.02		.03	.03	.03	.03	.02	.02	.03	.03	.03	.041	23	.10
30	.02	.02	.02	.02	.02	.03	.04	.04	.04	.03	.04	.04	.04				.04	.03	.04	.04	.03	.04	.03	.02	.030	21	.05
MEAN	.03	.03	.02	.02	.02	.02	.02	.03	.03								.02	.03	.03	.03	.03	.03	.03	.03	.025		
NO.	17	19	18	18	18	17	17	17	17	15	14	13	14	11	2	11	16	16	18	18	18	18	18	18		378	
MAX	.06	.05	.05	.05	.05	.06	.08	.08	.09	.08	.05	.04	.04	.03	.00	.04	.04	.05	.07	.07	.07	.07	.06	.06	.045		.10

* Indicates Saturday or Sunday

Local standard time used

Table 3-90. MAY, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5 MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02					.03	.03	.03	.03	.03	.02	.019	20	.03
2	.02	.01	.01	.01	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01		.03	.04	.03	.03	.05	.05	.04	.04	.03	.022	23	.05
3	.03	.03	.02	.02	.02	.02	.02	.04	.08	.04							.03	.03	.04	.02	.02		.03	.03	.030	17	.10
4*	.02	.01	.01	.01	.00	.00	.00	.00	.00								.01	.01	.02	.03	.02	.02	.02	.01	.010	17	.04
5*	.01	.01	.01	.01	.00	.00	.00	.01	.01	.02	.04	.02	.02	.02		.00	.00	.01	.01	.01	.03	.01	.00	.00	.011	23	.05
6	.00				.02	.02	.03	.03	.02	.03	.02	.03	.02			.00	.00	.00	.00	.00	.00	.01	.00	.00	.012	19	.05
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.002	23	.01
8	.01	.01	.01	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.002	23	.01
9																											
10									.10	.14	.12	.10	.04	.05			.06	.06	.05	.04	.04	.04	.04	.05	.067	14	.15
11*	.04	.04	.05	.04	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03		.03	.04	.04	.03	.04	.04	.03	.04	.04	.036	23	.06
12*	.04	.04	.03	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02		.02	.02	.03	.03	.04	.03	.03	.04	.05	.028	23	.06
13	.06	.05	.03	.04	.03	.03	.04	.04	.03	.02	.02	.02	.03	.02		.03	.02	.02	.02	.03	.02	.02	.02	.02	.029	23	.07
14																											
15																											
16	.06	.06	.05	.04	.04	.04	.05	.06	.16	.08	.04	.03	.03	.02		.04	.05	.04	.02	.03	.02	.03	.05	.06	.048	23	.21
17	.06	.06	.05	.04	.04	.04	.03	.02	.02	.01	.04	.03	.02	.02			.04	.04	.04	.05	.06	.06	.04	.03	.037	22	.08
18*																											
19*																											
20	.02	.02	.02	.01	.02	.02	.04	.04	.07	.06	.05	.04	.04	.04		.04	.04	.04	.04	.04	.04	.04	.05	.05	.037	23	.07
21	.05	.05	.04	.04	.03	.04	.05	.05	.06	.05	.05	.04	.04			.04	.05	.05	.04	.03	.04	.03	.04	.05	.043	22	.06
22	.05	.03	.03	.02	.02	.04	.04	.05	.05	.04	.03	.03	.03	.03		.02	.03	.03	.03	.04	.05	.04	.04	.04	.035	23	.06
23	.03	.02	.02	.01	.02	.03	.03	.03	.03	.02	.02	.02	.03				.03	.03	.03	.03	.03	.03	.03	.02	.025	21	.04
24	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05		.04	.06	.06	.04	.04	.04	.04	.04	.04	.036	23	.08
25*	.04	.03	.03	.03	.04	.04	.04	.05	.06	.08	.09	.06	.04	.03		.02	.02	.02	.02	.03	.03	.03	.02	.02	.038	23	.09
26*	.02	.03	.03	.03	.02	.03	.03	.03	.03	.03	.04	.03	.03	.03		.03	.03	.04	.04	.04	.04	.04	.04	.04	.032	23	.05
27	.04	.04	.04	.04	.03	.04	.05	.07	.08	.07	.07	.07	.04	.04			.03	.03	.04	.05	.05	.04	.04	.04	.047	22	.09
28	.04	.04	.04	.04	.03	.04	.04	.04	.04	.04	.03	.03	.04	.04		.04	.05	.04	.04	.04	.04	.03	.04	.04	.037	23	.05
29	.04	.03	.03	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05		.05	.06	.05	.04	.04	.04	.04	.04	.04	.039	23	.06
30	.04	.04	.03	.03	.02	.03	.03	.02	.02	.02	.02	.02					.02	.02	.03	.04	.05	.05	.04	.04	.030	20	.05
31	.03	.03	.03	.02	.02	.02	.04	.03	.03	.03	.03	.02	.03	.03			.06	.04	.03	.02	.03	.04	.05	.05	.031	22	.07
MEAN	.03	.03	.03	.02	.02	.02	.03	.03	.04	.04	.04	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.030		
NO	25	24	24	24	25	25	25	25	26	25	24	24	23	19	1	17	25	25	26	26	26	25	26	26		561	
MAX	.06	.06	.05	.04	.04	.04	.05	.07	.16	.14	.12	.10	.05	.05	.00	.05	.06	.06	.05	.05	.06	.06	.05	.06	.067		.21

* Indicates Saturday or Sunday

Local standard time used

Table 3-91. JUNE, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX.
1*	.04	.06	.05	.05	.04	.05	.08	.12	.11	.06	.04	.02	.01	.02		.02	.02	.01	.02	.02	.02	.03	.03	.03	.041	23	.13
2*	.03	.03	.04	.02	.03	.03	.03	.02	.03	.02	.01	.01	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.022	23	.04
3	.02	.03	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02		.02	.03	.02	.02	.03	.03	.02	.03	.02	.024	23	.04
4	.02	.02	.04	.03	.03	.03	.03	.04	.06	.03	.03	.03	.02				.03	.03	.02	.02	.03	.03	.04	.04	.031	21	.12
5	.03	.03	.03	.03	.03	.03	.03	.04	.03	.06			.03	.04			.03	.04	.03	.03	.04	.04	.04	.03	.034	20	.08
6	.04	.05	.04	.05	.05	.04	.05	.05	.05	.04	.03	.03	.03	.03		.04	.05	.04	.03	.04	.06	.06	.09	.09	.045	23	.09
7	.07	.05	.06	.07	.06	.05	.08	.08	.07	.05	.05	.08	.07	.05		.03	.04	.03	.03	.03	.03	.03	.03	.03	.050	23	.10
8*	.03	.03	.03	.03	.02	.03	.03	.03	.04	.03	.03	.03	.04	.03			.04	.03	.03	.02	.03	.03	.03	.03	.030	22	.05
9*	.02	.02	.01	.02	.03	.04	.03	.02	.02	.02	.01	.02	.03	.04		.04	.02		.03	.04	.06	.07	.06	.05	.031	22	.08
10	.04	.03	.04	.04	.05	.06	.06	.07	.07	.05	.03	.03	.03	.03		.03	.04	.04	.06	.05	.04	.04	.06	.06	.045	23	.07
11	.06	.05	.05	.04	.05	.05	.04	.04	.04	.04							.05	.04	.05	.05	.07	.06	.06	.05	.049	18	.07
12	.04	.03	.02	.02	.03	.03	.03	.03			.02	.02	.02	.02		.02	.03	.02	.03	.02	.02	.02	.02	.02	.024	21	.04
13	.02	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02			.03	.03	.04	.05	.05	.05	.05	.05	.026	22	.05
14	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.04		.05	.05	.04	.03	.03	.04	.04	.04	.04	.042	23	.07
15*	.04	.04	.03	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02		.02	.03	.02	.03	.03	.04	.04	.04	.03	.028	23	.05
16*	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.02	.01	.01		.02	.03	.03	.04	.04	.05	.04	.04	.04	.028	23	.05
17	.04	.04	.04	.04	.03	.04	.05	.07	.09	.04			.03	.05		.06	.10	.05	.03	.04	.05	.07	.09	.09	.052	21	.12
18	.09	.08	.07	.08	.08	.08	.08	.11	.10	.07	.06	.05	.04			.06	.06	.06	.06	.09	.07	.07	.11	.11	.076	22	.12
19	.11	.11	.12	.11	.10	.09	.10	.11	.10	.07	.04	.05	.04	.04		.04	.04	.04	.03	.04	.04	.04	.05	.05	.067	23	.12
20	.04	.04	.04	.04	.04	.06	.06	.07	.05				.03	.03		.07	.05	.04	.04	.04	.04	.04	.05	.05	.045	20	.11
21	.05	.04	.04	.03	.03	.04	.04	.03	.03	.03	.03	.04	.03	.04		.03	.04	.03	.03	.04	.04	.03	.02	.02	.033	23	.05
22*	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01											.011	14	.02
23*																											
24	.05	.05	.05	.05	.04	.04	.05	.06	.08	.07	.05	.05	.07	.07		.06	.07	.05	.04	.06	.08	.08	.08	.10	.060	23	.11
25																											
26	.06	.05	.05	.05	.05	.05	.06	.08	.08	.05	.03	.03	.03	.03		.04	.05	.03	.06	.04	.04	.05	.05	.04	.047	23	.09
27	.04	.03	.03	.04	.06	.06	.08	.10	.07	.03			.01	.02		.02	.04	.05	.05	.03	.03	.04	.04	.05	.042	21	.12
28																											
29*																											
30*																											
MEAN	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.03	.03	.03	.03		.04	.04	.03	.03	.04	.04	.04	.05	.05	.040		
NO	25	25	25	25	25	25	25	25	24	23	20	20	24	22		19	24	23	24	24	24	24	24	24		543	
MAX	.11	.11	.12	.11	.10	.09	.10	.12	.11	.07	.06	.08	.07	.07		.07	.10	.06	.06	.09	.08	.08	.11	.11	.076		.13

* Indicates Saturday or Sunday

Local standard time used

Table 3-92. JULY, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2																											
3	.03	.03	.02	.02	.03	.04	.04	.04		.03	.03	.02	.02	.02		.02	.03	.02	.03	.02	.03	.03	.04	.03	.027	22	.05
4	.03	.03	.02	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01		.01	.01	.02	.02	.03	.04	.04	.04	.04	.020	23	.05
5	.03	.03	.03	.03	.03	.03	.04	.03	.02	.02	.02	.02	.02	.03		.02	.03	.02	.03	.04	.04	.04	.04	.04	.029	23	.05
6*																											
7*	.05	.04	.03	.03	.03	.03	.03	.01	.01	.01	.01	.02	.02	.03		.03	.03	.02	.02	.02	.02	.03	.03	.02	.024	23	.06
8	.03	.03	.03	.03	.03	.05	.07	.08	.07	.07	.08					.03	.04	.04	.03	.05	.05	.04	.04	.03	.045	20	.09
9	.02	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.03	.03	.05	.06	.06	.06	.07	.032	23	.07
10																											
11											.03	.02	.02	.02		.05	.05	.12	.11	.07	.06	.06	.05	.05	.054	13	.13
12	.07	.07	.05	.05	.04	.04	.05	.10	.13	.08	.09	.05	.02			.04	.05				.04	.04	.03	.04	.058	19	.18
13*	.04	.04	.03	.05	.03	.03	.04	.04	.04	.03	.03		.02	.03		.02	.02	.03	.05	.05	.06	.05	.03	.03	.035	22	.06
14*	.02	.02	.02	.01	.01	.01	.01	.02	.01					.02		.02	.02	.01	.02	.02	.02	.05	.05	.04	.021	19	.05
15	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.02	.02	.02	.03		.03	.03	.02	.02	.04	.05	.06	.06	.06	.033	23	.07
16	.06	.05	.04	.04	.04	.04	.06	.09	.15	.10	.05	.05	.04	.03		.03	.05	.02	.06	.04	.04	.06	.05	.03	.052	23	.17
17	.04	.04	.04	.04	.03	.04	.05	.05								.04	.04	.04	.04	.02	.02	.04	.05	.05	.038	17	.06
18	.05	.05	.03	.03	.04	.04	.06	.06		.04	.04	.03	.02	.03		.03	.02	.02	.02	.01	.02	.02	.02	.02	.031	22	.07
19	.03	.02	.02	.02	.03	.04	.05	.04	.04	.03	.01	.02	.02	.01		.03	.04	.05	.06	.04	.06	.06	.06	.04	.034	23	.07
20*	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03		.02	.03	.03	.04	.04	.04	.05	.04	.04	.025	23	.06
21*	.04	.03	.01	.01	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02		.02	.03	.03	.03	.04	.04	.04	.04	.04	.025	23	.06
22	.03	.03	.02	.02	.02	.03	.04	.04	.05				.07	.08		.05	.06	.04	.03	.03	.03	.04	.03	.03	.038	20	.08
23	.03	.03	.04	.04	.04	.04	.05	.06	.05	.06	.06	.04	.05	.06		.07	.08	.01							.047	17	.10
24																											
25																											
26	.05	.03	.02	.04	.05	.06	.08	.07		.05	.04	.03	.03		.03	.09	.08	.05	.09	.12	.11	.10	.09	.08	.063	22	.12
27*	.05	.06	.05	.06	.06	.06	.07	.07		.06	.04	.02	.02	.02		.02	.02	.02	.04	.06	.06	.06	.07	.07	.048	22	.08
28*	.06	.06	.06	.05	.05	.05	.04	.03	.04	.03	.04	.02	.02	.03		.02	.02	.03	.03	.05	.06	.06	.05	.05	.041	23	.07
29	.04	.04	.04	.03	.05	.07	.06	.07	.07	.08	.05												.02	.00	.047	13	.09
30	.01	.01	.00	.01		.00	.01	.01	.00					.00		.00	.00	.00	.00	.01	.02	.02	.02	.01	.007	18	.03
31	.00	.00	.00	.00	.00	.00	.00	.02	.01		.05	.07	.04	.04											.018	13	.07
MEAN	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03		.03	.03	.03	.04	.04	.04	.05	.04	.04	.035		
NO.	24	24	24	24	23	24	24	24	19	19	21	18	20	20	1	23	23	22	21	21	22	22	23	23		509	
MAX	.07	.07	.06	.06	.06	.07	.08	.10	.15	.10	.09	.07	.07	.08	.03	.09	.08	.12	.11	.12	.11	.10	.09	.08	.063		.18

* Indicates Saturday or Sunday

Local standard time used

Table 3-93. AUGUST, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2	.07	.05	.03	.03	.04	.03	.04	.04	.04	.03	.03	.02	.02	.02			.04	.04	.04	.06	.06	.06	.05	.05	.040	22	.07
3*	.04	.04	.04	.04	.04	.04	.05	.06	.06	.09	.07	.06	.06	.06		.04	.03	.03	.03	.04	.05	.07	.11	.09	.055	23	.13
4*	.07	.07	.05	.06	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.04	.04	.05	.04	.04	.033	23	.09
5	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.05	.05	.05	.05	.04	.034	23	.06
6	.04	.04	.04	.04	.04	.04	.06	.07	.08	.06	.04	.03	.03	.03		.04	.04	.03	.03	.05	.06	.08	.09	.11	.051	23	.14
7	.07	.07	.06	.07	.06	.07	.11	.18	.14	.09		.04	.03	.03		.08	.07	.07	.06	.07	.07	.06	.07	.07	.074	22	.20
8	.05	.05	.03	.04	.05	.05	.05	.06	.07	.05	.04	.04	.03	.03		.04	.05	.04	.04	.05	.07	.05	.04	.08	.047	23	.09
9	.08	.07	.05	.04	.04	.04	.05	.08	.14	.13	.06	.06	.05	.05											.066	14	.17
10*																											
11*	.09	.06	.05	.05	.05	.04	.05	.08				.06	.05	.04		.03	.03	.04	.04	.06	.08	.08	.12	.11	.060	20	.14
12																											
13																											
14																											
15	.03	.02		.02	.02	.02	.02	.03	.03	.03	.03	.02	.02		.02	.03	.03	.03	.03	.05	.05	.05	.05	.05	.030	22	.06
16	.04	.04	.03	.04	.04	.04	.05	.07	.06		.04	.03	.02	.03		.03	.04	.05	.05	.05	.05	.04	.08	.07	.045	22	.08
17*	.06	.07	.05	.06	.05	.03	.03	.03	.02	.02	.02	.01	.01	.01		.01	.01	.02	.02	.02	.02	.03	.02	.02	.028	23	.08
18*	.03	.04	.04	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.02	.03	.03	.04	.04	.04	.04	.028	23	.07
19	.03	.03	.03	.03	.03	.03	.04	.07	.06	.05	.03	.03	.03	.03		.02	.04	.03	.04	.04	.03	.04	.04	.04	.036	23	.08
20	.05	.03	.03	.02	.03	.03	.04	.06	.06	.06	.06		.07	.07		.05	.06	.06	.06	.07	.07	.07	.06	.06	.052	22	.08
21	.06	.04	.03	.03	.04	.06	.06	.07	.07		.08	.08	.05	.07		.05	.10	.17	.17	.12	.10	.07	.06	.06	.074	22	.19
22	.05	.05	.05	.05	.05	.04	.05	.07	.09	.10	.08	.07	.07	.06		.04	.05	.06	.08	.05	.04	.06	.06	.05	.059	23	.10
23	.06	.06	.06	.06	.06	.04	.04	.07		.06	.05	.04	.03	.03		.03	.04	.03	.04	.04	.06	.05	.05	.05	.047	22	.09
24*	.05	.04	.05	.04	.03	.04	.05	.05			.03	.03	.03	.03		.03	.03	.04	.04	.03	.02	.02	.02	.02	.034	21	.06
25*	.02	.03	.03	.03	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02		.02	.02	.03	.03	.04	.04	.04	.04	.05	.026	23	.05
26	.05	.04	.04	.04	.04	.04	.04	.06	.06	.05	.06	.05	.04	.03		.04	.05	.05	.06	.07	.05	.04	.03	.05	.046	23	.07
27	.05	.05	.05	.04	.07	.07	.06	.06	.07	.07	.04	.04	.04	.04		.03	.07	.04	.04	.06	.05	.07	.07	.07	.053	23	.08
28	.06	.06	.05	.03	.02	.05	.06	.07	.09	.11	.07	.03	.02												.055	13	.12
29																											
30	.06	.05	.05	.05	.05	.05	.05	.06	.05	.05	.06	.05	.04	.04			.05	.05	.04	.06	.07	.07	.07	.07	.052	22	.08
31*	.06	.05	.06	.05	.04	.04	.04	.06		.05	.03	.03	.03	.02		.03	.04	.03	.04	.05	.05	.04	.04	.04	.041	22	.06
MEAN	.05	.05	.04	.04	.04	.04	.05	.06	.06	.06	.04	.04	.03	.03	1	.03	.04	.04	.05	.05	.05	.05	.06	.06	.046		
NO	25	25	24	25	25	25	25	25	21	21	23	24	25	23	1	21	23	23	23	23	23	23	23	23		542	
MAX	.09	.07	.06	.07	.07	.07	.11	.18	.14	.13	.08	.08	.07	.07	.02	.08	.10	.17	.17	.12	.10	.08	.12	.11	.074		.20

* Indicates Saturday or Sunday

Local standard time used

Table 3-94. SEPTEMBER, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.04	.03	.03	.02	.03	.04	.04	.04	.02	.02	.02	.02	.02	.02		.02	.02	.03	.04	.06	.06	.06	.06	.05	.034	23	.06
2	.05	.05	.05	.04	.04	.04	.04	.05	.10	.17	.08	.03	.03	.03		.03	.03	.04	.05	.05	.04	.03	.03	.03	.048	23	.19
3	.03	.04	.03	.02	.02	.02	.03	.06	.04	.05	.05	.05	.03	.03		.02	.03	.03	.03	.02	.03	.04	.06	.03	.034	23	.07
4	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.04		.05	.06	.06	.05	.04	.04	.03	.03	.04	.039	23	.06
5	.04	.04	.04	.04	.02	.03	.04	.04	.04	.04	.04	.04				.03	.04	.04	.04	.04	.04	.04	.04	.04	.037	21	.05
6	.03	.04	.04	.02	.02	.02	.03	.03	.04	.04	.04	.04	.04	.04		.04	.06	.05	.05	.04	.04	.04	.04	.04	.038	23	.06
7*	.04	.04	.04	.04	.05	.04	.05	.06	.06	.06	.07	.04	.04	.04		.04	.04	.05	.06	.06	.03	.05	.07	.08	.050	23	.09
8*	.07	.07	.05	.04	.05	.05	.05	.06	.07		.06	.07	.04	.04		.03	.05	.06	.05	.04	.03	.04	.07	.08	.052	22	.10
9	.07	.05	.06	.05	.05	.05	.06	.09	.14	.10	.05	.03	.04	.03		.05	.05	.05	.06	.08	.09	.09	.07	.06	.064	23	.17
10	.06	.06	.05	.05	.04	.04	.04	.05	.06	.06	.04	.03	.04	.04		.05	.06	.06	.05	.04	.04	.04	.04	.03	.047	23	.07
11	.04	.03	.03	.02	.03	.03	.04	.05	.08	.06	.06	.05	.05	.04		.04	.04	.04	.04	.04	.04	.04	.02	.02	.039	23	.10
12	.02	.01	.01	.01	.01	.02	.03	.04	.03	.04	.04	.04		.05		.06	.07	.06	.05	.03	.03	.03	.05	.05	.035	22	.08
13	.03	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03		.03	.05	.04	.05	.05	.05	.04	.04	.04	.029	23	.05
14*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.04	.04		.03	.04	.03	.03	.03	.05	.05	.04	.04	.035	23	.05
15*	.04	.03	.04	.03	.02	.03	.03	.03	.02	.02	.03	.03	.04	.04		.03	.04	.04	.05	.04	.04	.03	.03	.03	.033	23	.05
16	.03	.03	.03	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.02	.02	.02	.023	23	.03
17	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03		.01	.02	.02	.01	.01	.00	.01	.01	.00	.015	23	.03
18	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02	.03	.04		.06	.07	.08	.07	.07	.06	.05	.05	.04	.031	23	.08
19	.04	.04	.03	.02	.03	.02	.03	.03	.07	.07	.08	.04	.03	.03		.03	.04	.04	.06	.06	.07	.06	.06	.06	.044	23	.09
20	.05	.05	.05	.04	.03	.03	.04	.05	.10	.08			.03	.04		.04	.06	.07	.08	.04	.04	.03	.02	.02	.046	21	.11
21*	.02	.01	.01	.01	.01	.01	.02	.02	.02	.03		.02	.03	.04		.04	.05	.04	.03	.03	.03	.03	.02	.02	.024	22	.05
22*	.02	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02		.02	.02	.02	.03	.03	.03	.03	.03	.03	.018	23	.04
23	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03												.024	13	.03
24																											
25	.05	.04	.05	.05	.05	.05	.05	.07	.08	.09	.14	.10	.07	.04		.04	.05	.05	.05	.05	.05	.05	.05	.05	.058	23	.15
26	.05	.05	.06	.05	.05	.05	.05	.06	.08	.08	.06	.05	.05	.04		.06	.06	.07	.08	.05	.05	.05	.06	.04	.055	23	.09
27	.04	.05	.05	.04	.04	.04	.04	.07	.15	.12	.07	.04	.03	.04		.04	.05	.07	.09	.09	.09	.08	.08	.08	.064	23	.17
28*	.07	.06	.05	.06	.06	.06	.05	.08	.07	.05	.04	.04	.03	.02		.04	.05	.04	.05	.04	.03	.03	.04	.04	.047	23	.09
29*	.03	.04	.04	.03	.01	.01	.02	.02	.02	.03		.03	.02	.02		.02	.03	.03	.05	.05	.06	.05	.05	.03	.031	22	.07
30	.01	.01	.01	.01	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02		.02	.03	.03	.03	.04	.03	.03	.03	.03	.023	23	.04
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05	.04	.04	.03	.03		.03	.04	.04	.05	.04	.04	.04	.04	.04	.039		
NO	29	29	29	29	29	29	29	29	29	28	26	28	27	27		28	28	28	28	28	28	28	28	28		649	
MAX	.07	.07	.06	.06	.06	.06	.06	.09	.15	.17	.14	.10	.07	.05		.06	.07	.08	.09	.09	.09	.09	.08	.08	.064		.19

* Indicates Saturday or Sunday

Local standard time used

Table 3-95. OCTOBER, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.03	.03	.03	.03	.03	.03	.04	.05	.08	.10	.07	.07		.04			.05	.06	.07	.06	.06	.06	.05	.05	.051	21	.13
2	.05	.06	.05	.04	.04	.04	.05	.06			.07	.05	.04	.04		.03	.04	.05	.03	.04	.04	.05	.05	.04	.046	21	.08
3	.04	.03	.03	.03	.03	.04	.04	.05			.05	.06	.05	.04		.04	.07	.06	.05	.03	.03	.03	.03	.03	.040	21	.07
4	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.04	.04	.04	.04	.04	.04	.04	.027	23	.04
5*	.04	.04	.04	.04	.04	.04	.04	.04	.06	.05	.06	.06	.06	.05		.04	.06	.07	.07	.08	.06	.05	.05	.05	.050	23	.10
6*	.06	.05	.05	.05	.05	.05	.05	.06	.05	.06	.05	.05	.08	.07		.06	.06	.07	.09	.08	.07	.07	.07	.06	.061	23	.09
7	.07	.07	.07	.06	.06	.05	.05	.07	.09	.10	.11	.09	.08	.08		.08	.09	.13	.12	.09	.07	.07	.07	.07	.079	23	.16
8	.06	.05	.06			.04	.05	.05	.07			.04	.04	.04		.05	.05	.04	.04	.04	.04	.04	.04	.03	.046	19	.08
9	.02	.02	.02	.02	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03											.027	14	.05
10																											
11	.05	.04	.04	.04	.04	.04	.04	.05	.08	.10		.11	.08	.07		.06	.07	.07	.07	.07	.07	.07	.07	.06	.063	22	.11
12*	.06	.06	.05	.05	.03	.02	.02	.03	.02	.02	.02	.02	.03	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.07
13*	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03		.03	.04	.05	.05	.05	.05	.05	.05	.05	.037	21	.05
14	.04	.04	.05	.05	.04	.04	.05	.06	.09	.13	.08	.04	.03	.03		.04	.06	.07	.08	.07	.08	.08	.08	.07	.061	23	.14
15																											
16																											
17																											
18	.08	.06	.06	.06	.04	.03	.03	.03	.06	.10	.09	.11	.10	.11		.18	.22	.19	.24	.30	.17	.10	.10	.10	.111	23	.32
19*	.10	.12	.13	.13	.13	.11	.12	.16	.19	.22	.25	.17		.10		.08	.11	.16	.14	.12	.12	.11	.12	.13	.136	22	.28
20*	.13	.13	.11	.08	.07	.07	.08	.08	.08	.09	.07	.06	.07	.07		.08	.08	.08	.07	.07	.07	.06	.06	.05	.078	23	.14
21	.05	.08	.08	.07	.07	.06	.07	.08	.11	.12	.09	.07	.07	.05		.10	.14	.14	.13	.08	.07	.05	.03	.02	.079	23	.15
22	.01	.01	.00	.00	.00	.00	.00	.01	.00	.01	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.019	23	.04
23																											
24										.16	.21	.11	.07	.06		.03	.05	.03	.04	.04	.03	.05	.04	.04	.067	14	.23
25																											
26*	.04	.04	.04	.04	.03	.03	.03	.03	.04	.04	.05	.05	.07	.06		.08	.09	.08	.07	.07	.06	.06	.06	.06	.053	23	.10
27*	.06	.06	.05	.06	.06	.05	.06	.06	.08	.14			.06	.05		.05	.07	.10	.09	.09	.08	.08	.06	.07	.070	21	.15
28	.07	.07	.06	.04	.01	.01	.02	.03	.04	.04	.04	.04	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.035	23	.08
29	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	23	.04
30	.02	.02	.02	.02	.01	.01	.02	.03	.03			.02	.02	.02		.02	.02	.03	.02						.021	15	.03
31																											
MEAN	.05	.05	.05	.04	.04	.04	.04	.05	.06	.08	.07	.06	.05	.05		.05	.06	.07	.07	.07	.06	.06	.05	.05	.056		
NO	23	23	23	22	22	23	23	23	21	19	19	23	22	24		22	23	23	22	22	22	22	22	22		510	
MAX	.13	.13	.13	.13	.13	.11	.12	.16	.19	.22	.25	.17	.10	.11		.18	.22	.19	.24	.30	.17	.11	.12	.13	.136		.32

* Indicates Saturday or Sunday

Local standard time used

TABULATED

Table 3-96. NOVEMBER, 1963, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.04	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05		.09	.07			.05	.05	.05	.04	.04	.04	.04	.04	.044	21	.11
2*	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.02	.02	.02							.026	17	.04
3*																											
4	.03	.04	.03	.03	.03	.03	.05	.05	.06	.07	.07	.07	.05			.04	.05	.05	.05	.05	.05	.05	.05	.05	.047	22	.08
5	.05	.04	.04	.04	.04	.04	.04	.04	.05	.07	.06	.05	.04	.03		.04	.05	.05	.04	.04	.04	.04	.04	.04	.044	23	.08
6																											
7																											
8	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.021	22	.03
9*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
10*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.04		.05	.06	.06	.06	.04	.04	.04	.04	.04	.036	23	.07
11	.04	.04	.04	.04	.04	.03	.04	.04	.05	.05	.04	.04	.04	.04		.04	.05	.05	.05	.05	.06	.07	.07	.05	.046	23	.08
12	.04	.04	.04	.03	.03	.03	.03	.03						.04		.03	.04	.04	.03	.03	.03	.03	.03	.03	.034	18	.05
13	.03						.04	.03	.05	.05						.03	.04	.04	.04	.04	.03	.03	.03	.03	.037	14	.05
14	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03		.04		.03	.03	.03	.03	.03	.03	.02	.02	.02	.025	22	.05
15	.02	.02	.02	.01	.01	.01	.02	.02	.03	.02	.02	.02	.02				.03	.03	.02	.02	.02	.02	.02	.02	.021	21	.03
16*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03		.03		.03	.04	.05	.05	.05	.05	.05	.05	.05	.034	22	.05
17*	.05	.05	.05	.05	.05	.05	.05	.06	.06	.10	.13	.12		.04		.02	.05	.07	.06	.06	.05	.05	.05	.05	.060	22	.15
18	.05	.07	.06	.05	.07	.07	.07	.07	.07	.08	.09	.11	.12	.09		.05	.07	.07	.07	.07	.05	.05	.06	.05	.069	23	.13
19	.02	.02	.02	.02	.02	.02	.03	.03	.04	.03	.03	.03	.03			.02	.04	.05	.04	.03	.03	.03	.03	.03	.029	22	.05
20	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.04		.05	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.037	22	.05
21	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04			.03			.05	.05	.05	.05	.05	.05	.05	.05	.040	20	.06
22	.06	.06	.06	.06	.05	.05	.05	.07	.11	.14	.11	.10	.07	.04		.04	.06	.07	.06	.05	.05	.05	.05	.04	.064	23	.16
23*	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.02	.03	.03			.02	.02	.02	.02	.03	.03	.02	.02	.023	22	.04
24*	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02		.02	.02		.02	.03	.03	.03	.03	.02	.03	.03	.03	.020	22	.03
25	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.04	.04	.04	.03	.04	.04	.05	.05	.032	23	.06
26	.04	.05	.04	.04	.03	.03	.04	.03	.04	.04	.04		.04	.03		.04	.04	.03	.03	.03	.03	.02	.02	.02	.034	22	.07
27	.02	.02	.02	.01	.01	.00	.00	.00	.01	.03	.04			.04		.04	.05	.05	.05	.04	.04	.04	.04	.04	.028	21	.05
28	.05	.07	.07	.05	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04		.04	.05	.05	.04	.04	.04	.03	.03	.03	.042	23	.07
29	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03			.03	.03			.03	.03	.03	.03	.03	.02	.02	.02	.027	20	.04
30*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02		.03	.03	.03	.03	.03	.02	.02	.03	.03	.019	21	.03
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.03	.036		
NO	27	26	26	26	26	26	27	27	26	26	23	16	20	23		22	27	27	26	26	26	26	26	26		577	
MAX	.06	.07	.07	.06	.07	.07	.07	.07	.11	.14	.13	.12	.12	.09		.05	.07	.07	.07	.07	.06	.07	.07	.05	.069		.16

* Indicates Saturday or Sunday

Local standard time used

Table 3-97. DECEMBER, 1963. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11*	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1*	.03	.02	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.03
2	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03				.01	.01	.01	.01	.01	.01	.00	.00	.00	.021	21	.04
3	.00	.00	.00	.00								.05	.04	.04		.04	.03	.03	.03	.03	.02	.02	.01	.01	.022	16	.05
4	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00			.04	.03		.04	.04	.03	.03	.03	.03	.03	.04	.04	.019	21	.04
5	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.04	.040	23	.05
6	.04	.05	.04	.04	.04	.04	.04	.03	.03	.03	.04		.05	.05			.04	.04	.04	.04	.04	.04	.04	.04	.040	21	.05
7*	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.05	.06		.05	.05	.05	.05	.04	.05	.05	.04	.05	.043	23	.06
8*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.03	.03	.03			.04	.04	.03	.03	.03	.03	.03	.04	.037	22	.05
9																											
10																											
11	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.04	.04	.04	.04	.03	.03	.031	23	.04
12	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05			.04	.04	.03	.03	.03	.03	.03	.03	.034	22	.06
13	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.04	.05	.06			.09	.08	.06	.05	.04	.04	.03	.03	.03	.039	22	.11
14*	.03	.03	.03	.04	.04	.03	.04	.05	.03	.04	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.033	23	.07
15*	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.03
16	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.030	21	.04
17	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.033	23	.04
18	.04	.04	.04	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03		.03	.04	.03	.03	.03	.03	.03	.03	.03	.032	22	.04
19	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.029	22	.04
20	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.04
21*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.03
22*	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04		.03	.03		.03	.03	.04	.04	.04	.04	.04	.04	.04	.034	22	.05
23	.05	.05	.05	.05	.04	.04	.04	.04	.04	.04			.03	.03		.02	.03	.03	.03	.02	.02	.02	.02	.02	.035	21	.06
24	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.025	22	.04
25	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.03
26	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.06	.04	.05			.05	.06	.06	.12	.10	.07	.07	.08	.051	22	.13
27	.10	.11	.08	.07	.07	.05	.05	.05	.04	.04	.04	.04	.04			.05	.05	.05	.06	.05	.05	.05	.04	.03	.055	22	.11
28*	.03	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.03		.02	.03	.03	.03	.03	.04	.04	.04	.04	.031	23	.04
29*	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.034	23	.05
30	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03				.04	.04	.04	.04	.04	.04	.04	.04	.034	21	.05
31	.04	.05	.05	.05	.04	.05	.05	.05	.06	.06	.06	.06	.06	.05		.03	.05	.04	.04	.04	.04	.04	.04	.04	.046	23	.07
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03		.03	.04	.04	.04	.04	.04	.03	.03	.03	.033		
NO	29	29	29	29	28	28	28	28	28	27	25	23	28	25		23	29	29	29	29	29	29	29	29		639	
MAX	.10	.11	.08	.07	.07	.05	.05	.05	.06	.06	.06	.06	.06	.06		.09	.08	.06	.06	.12	.10	.07	.07	.08	.055		.13

* Indicates Saturday or Sunday

Local standard time used

Table 3-98. JANUARY, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03		.00	.01	.00	.00	.00	.00	.00	.00	.00	.022	23	.04
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.06	.06	.06	.05	.05	.05	.06	.019	21	.06
3	.06	.05	.05	.06	.04	.05	.05	.05	.05	.07	.08	.11	.09	.10		.08	.09	.08	.09	.08	.06	.07	.06	.07	.068	23	.12
4*	.07	.06	.05	.05	.05	.04	.05	.04	.04	.04	.04	.03	.03	.03			.04	.04	.03	.03	.04	.03	.03	.03	.040	22	.07
5*	.03	.03	.03	.03	.04	.03	.04	.03	.04	.04	.04	.04	.04	.04	.00	.03	.04	.05	.05	.05	.05	.05	.05	.06	.039	24	.07
6	.07	.07	.06	.07	.05	.05	.04	.03	.04				.02	.03	.00	.03	.03	.03	.03	.03	.03	.03	.03	.03	.038	21	.08
7	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.00	.02	.03	.03	.03	.03	.03	.03	.03	.03	.024	24	.03
8	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.00	.02	.03	.03	.03	.03	.03	.03	.02	.03	.028	24	.04
9	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03								.02	.01	.01	.01	.01	.01	.01	.019	17	.03
10	.01	.01	.00	.01	.01	.00	.00	.01	.01	.01	.00	.00	.00	.01	.00	.00									.005	16	.02
11*																											
12*																											
13																											
14	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.020	22	.03
15	.02	.03	.03	.03	.02	.03	.03	.03	.04	.03	.03	.03	.03	.04		.03	.04	.04	.05	.06	.05	.05	.05	.04	.035	23	.06
16	.04	.04	.04	.04	.04	.04	.04	.05	.05	.06	.07	.07	.04	.03			.04	.05	.05	.05	.04	.04	.04	.04	.045	22	.08
17	.04	.04	.05	.04	.05	.05	.05	.05	.03	.04	.04	.04	.04	.04		.04	.05	.05	.05	.05	.05	.05	.05	.05	.045	23	.06
18*	.05	.06	.05	.09	.09	.07	.07	.08	.09	.11	.14		.08	.07		.07	.08	.06	.06	.05	.05	.05	.05	.05	.071	22	.17
19*	.05	.05	.05	.06	.07	.07	.06	.06	.07	.09	.09	.07	.05	.05		.04	.05	.05	.05	.04	.04	.04	.03	.03	.054	23	.10
20	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.04		.03		.02	.03	.03	.02	.02	.02	.02	.02	.02	.026	22	.04
21	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.03	.03	.04	.04	.04	.04	.04	.03	.03	.024	23	.04
22	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03							.03	.04	.05	.06	.07	.034	18	.07
23	.06	.05	.03	.03	.03	.03	.03	.04	.03	.04	.05	.05	.05	.06		.03	.04	.04	.03	.04	.03	.03	.03	.03	.038	23	.06
24	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04				.00	.03	.03	.03	.02	.02	.03	.03	.02	.02	.027	21	.04
25*	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01		.01	.02	.02	.01	.01	.01	.01	.01	.01	.012	23	.02
26*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
27	.01	.01	.01	.01	.01	.02	.02	.02	.03	.05	.04	.04	.04			.04	.03	.05	.04	.04	.04	.05	.05	.04	.031	22	.06
28	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.02			.03	.03	.03	.03	.02	.02	.02	.02	.031	22	.04
29	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03		.04	.03	.03	.04	.04	.04	.04	.029	22	.05
30	.04	.04	.04	.03	.03	.03	.03	.03	.04	.04	.03					.03	.03	.03	.03	.03	.03	.03	.03	.03	.033	20	.05
31	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.04			.04	.04	.04	.04	.04	.04	.04	.03	.036	22	.05
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.033		
NO.	28	28	28	28	28	28	28	28	28	27	26	22	24	23	6	21	23	26	26	27	27	27	27	27		611	
MAX	.07	.07	.06	.09	.09	.07	.07	.08	.09	.11	.14	.11	.09	.10	.00	.08	.09	.08	.09	.08	.06	.07	.06	.07	.071		.17

* Indicates Saturday or Sunday

Local standard time used

Table 3-99. FEBRUARY, 1964. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

Day of Month	AM												PM												Daily Mean	No. of Hrs.	5 Min. Max.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.02	.03	.03	.03	.03	.02	.02	.02	.02	.031	23	.05
2*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03			.01		.01	.01	.01	.01	.01	.01	.00	.00	.00	.015	21	.04
3	.00	.00	.00	.00	.01	.01	.01	.01	.01						.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	19	.02
4	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02				.04			.03	.03	.03	.03	.013	19	.04
5	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02				.04	.05	.05	.05	.05	.06	.12	.033	21	.15
6	.12	.07	.06	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03			.04	.04	.03	.03	.03	.02	.02	.02	.039	22	.15
7	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03		.03	.04	.05	.05	.06	.06	.05	.06	.06	.032	22	.08
8*	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.02	.02	.02		.02	.02	.02	.03	.02	.02	.02	.03	.03	.035	23	.06
9*	.02	.02	.02	.02	.02	.02	.02	.02	.02					.02		.02	.03	.04	.04	.04	.04	.04	.04	.04	.028	19	.04
10	.04	.04	.04	.04	.04	.05	.05	.04	.05	.05	.05	.05	.04	.05				.03	.03	.03	.03	.03	.03	.03	.040	21	.05
11	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03		.04		.04	.04	.05	.05	.04	.04	.04	.04	.03	.036	22	.05
12	.04	.03	.03	.04	.03	.03	.04	.04	.04	.03	.03	.04	.04	.04		.03	.04	.05	.06	.05	.05	.05	.05	.06	.040	23	.06
13	.05	.05	.05	.05	.05	.05	.06	.07	.08	.02	.01	.05	.05	.05				.06	.06	.06	.06	.06	.05	.05	.051	21	.08
14	.05	.06	.05	.05	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.038	23	.06
15*	.03	.03	.03	.03	.03	.02	.02	.03	.04	.03				.00	.00	.00	.00		.02	.02	.02	.02	.02	.02	.021	20	.04
16*	.02	.02	.02	.02	.03	.01	.02	.02	.02	.03	.02	.03	.03			.02	.01	.01	.01	.01	.02	.02	.02	.02	.019	22	.03
17	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.04		.02	.02			.04	.05	.05	.05	.06	.06	.07	.08	.038	21	.09
18	.08	.07	.08	.07	.08	.08	.08	.08	.09	.09	.10	.10	.10	.10			.03	.04	.04	.04	.05	.05	.06	.06	.071	22	.10
19	.07	.07	.07	.07	.07	.07	.08	.09	.09	.09							.03	.04	.04	.04	.04	.04	.04	.04	.059	18	.09
20	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.02	.01	.02	.03		.02	.03	.03	.04	.04	.04	.03	.03	.03	.027	23	.04
21	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.03	.03	.028	22	.04
22*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.03
23*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03		.02	.03	.03	.04	.04	.05	.04	.03	.04	.027	21	.05
24																											
25	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.038	23	.05
26	.05	.04	.05	.04	.04	.05	.05	.06	.05	.05	.05	.06	.05	.05		.04	.06	.06	.06	.05	.05	.04	.03	.03	.047	23	.08
27	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03				.03	.04	.05	.05	.05	.05	.05	.05	.05	.037	21	.06
28	.05	.05	.05	.04	.05	.05	.05	.05	.06	.06	.05	.05	.04	.04		.05	.05	.05	.05	.05	.05	.04	.05	.03	.047	23	.07
29*	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03					.05	.04			.07	.10	.06	.07	.07	.041	18	.16
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03		.02	.03	.04	.04	.04	.04	.04	.04	.04	.034		
NO	28	28	28	28	28	28	28	28	28	26	24	19	19	23	2	19	24	26	26	27	28	28	28	28		599	
MAX	.12	.07	.08	.07	.08	.08	.08	.09	.09	.09	.10	.10	.10	.10	.00	.05	.06	.06	.06	.07	.10	.06	.07	.12	.071		.16

* Indicates Saturday or Sunday

Local standard time used

Table 3-100. MARCH, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

Day of Month	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Daily Mean	No. of Hrs	5-Min. Max
1*	.06	.06	.06	.05	.05		.05	.05	.05	.05	.04	.04	.04	.05			.06				.05	.05	.05	.05	.050	18	.07
2	.05	.05		.05	.05	.05	.06	.06	.08	.10	.06	.05	.04				.05	.06	.06	.07	.07	.05	.06	.06	.059	20	.12
3	.06	.05		.06	.06	.05	.05	.04	.03	.03	.04	.05	.05	.05		.05		.05	.06	.06	.07		.09	.10	.054	20	.11
4	.11	.11	.11	.11	.12	.12	.13	.12								.02	.02	.03	.03	.03	.03	.04	.03	.04	.070	17	.13
5	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04			.02	.03	.04	.04	.05	.04	.04	.04	.03	.04	.04	.036	22	.05
6	.04	.04	.04	.04	.05	.05	.06	.06	.07	.07				.03			.05	.05	.06	.07	.07	.07	.08	.08	.056	19	.08
7*	.08	.07	.07	.07	.07	.08	.08	.08	.09	.08	.09	.08	.09	.09		.04	.05	.06	.06	.05	.06	.05	.04	.05	.068	23	.10
8*	.05	.05	.05	.05	.04	.04	.03	.02	.02				.03	.02			.03	.04	.04	.04	.04	.03	.03	.03	.035	19	.05
9	.03	.03	.04	.04	.03	.03	.03	.04	.05	.03	.03	.03	.04			.03	.03	.04	.03	.02	.02	.02	.03	.02	.031	22	.05
10	.02			.07	.07	.08	.07	.07	.08	.09	.09			.02				.04	.04	.03	.04	.05	.05	.05	.055	17	.09
11	.05	.05	.05	.05	.05	.06	.06	.08	.08	.08	.08	.09		.09											.066	13	.09
12																											
13																											
14*																											
15*																											
16	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03		.03	.04	.04	.05	.05	.05	.06	.06	.06	.041	23	.08
17	.07	.06	.05	.05	.05	.05	.05	.05	.05	.06	.04	.03	.03	.03	.01	.04	.06	.07	.07	.06	.06	.06	.06	.06	.050	24	.08
18	.06	.06	.06	.06	.07	.07	.07		.01	.02	.01	.02					.02	.02	.03	.03	.03	.03	.03	.03	.037	19	.08
19	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02		.02	.02	.04	.04	.04	.04	.04	.04	.04	.027	23	.04
20	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03			.05	.05	.06	.06	.05	.05	.05	.04	.03	.036	22	.06
21*	.03	.03	.03	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.029	22	.04
22*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02				.02	.03	.04	.03	.03	.03	.03	.03	.03	.025	21	.04
23	.03	.02	.03	.02	.03	.03	.03	.03	.03	.02	.02		.02	.02	.02	.03	.03	.05	.06	.06	.07	.08	.08	.09	.039	23	.09
24	.08	.09		.05	.05	.05	.05	.06	.08	.08	.04	.02	.02	.02		.02	.03	.04	.05	.05	.05	.05	.04	.04	.047	22	.09
25	.03	.04	.05	.06	.05	.05	.05	.06	.05	.05	.05	.06	.05	.04		.06	.06	.08	.06	.05	.05	.05	.04	.04	.051	23	.08
26	.03	.02	.02	.02	.01	.01	.02	.03	.03	.03	.03	.03	.02	.03				.03	.03	.03	.02	.02	.02	.03	.024	21	.04
27	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02			.03	.03	.04	.04	.04	.04	.04	.04	.028	22	.05
28*	.04	.05	.05	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.03		.02	.02	.02	.02	.01	.01	.03	.03	.02	.030	23	.05
29*	.01								.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.04	.03	.03	.03	.03	.024	16	.04
30	.02	.02	.01	.01	.01								.04	.03			.04	.05	.04	.04	.04	.04	.04	.03	.030	15	.05
31	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02		.06	.03	.03		.07	.07	.07	.05	.05	.05	.06	.06	.05	.040	22	.08
MEAN	.04	.04	.04	.04	.04	.04	.05	.05	.04	.04	.04	.04	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.042		
NO.	27	25	22	26	26	24	25	24	25	24	22	20	20	21	3	16	23	25	25	25	26	25	26	26		551	
MAX	.11	.11	.11	.11	.12	.12	.13	.12	.09	.10	.09	.09	.09	.09	.03	.07	.07	.08	.07	.07	.07	.08	.09	.10	.070		.13

* Indicates Saturday or Sunday

Local standard time used

Table 3-101. APRIL, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.06	.06	.05	.05	.04	.04	.04	.05	.05	.05	.04			.02		.02	.02	.03	.04	.04	.04	.04	.04	.04	.040	21	.06
2	.05	.05	.05	.05	.05	.04	.05	.06	.07	.04	.03	.02	.02	.03		.04	.04	.04	.04	.04	.04	.04	.03	.03	.040	23	.09
3	.04	.04	.03	.05	.05	.05	.04	.05	.05	.04					.01	.02	.02	.04	.04	.04	.04	.04	.03	.03	.036	20	.05
4*	.03	.02	.02	.03	.02	.02	.02	.02	.02	.02		.02	.02	.02			.03	.03	.04	.05	.05	.06	.06	.06	.031	21	.06
5*	.06	.06	.06		.03	.03	.02	.02	.02	.02	.04	.04				.05	.06	.05	.05	.05	.05	.05	.05	.06	.043	20	.07
6	.06	.06	.05	.05	.05	.05	.05	.05	.06	.05	.05	.04	.05	.04		.05	.05	.05	.05	.05	.05	.05	.04	.04	.049	23	.06
7	.04	.04	.04	.03	.04	.03	.03	.04	.04	.04	.05		.05	.05		.04	.03	.05	.04	.05	.05	.04	.03	.03	.040	22	.06
8	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05	.06	.04	.03		.03	.03	.04	.04	.04	.04	.03	.03	.03	.037	23	.06
9	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02		.02	.03	.04	.04	.04	.05	.05	.05	.05	.030	23	.05
10	.05	.05	.05	.05	.05	.05	.05	.06	.05	.04	.03	.03	.03	.02		.04	.04	.06	.06	.06	.08	.08	.06	.06	.050	23	.09
11*																											
12*																											
13																											
14	.04	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04	.03	.03			.04	.04	.02	.03	.02	.02	.02	.02	.028	22	.05
15	.01	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.06						.06	.05	.04	.06	.05	.04	.03	.036	19	.07
16	.03	.03	.02	.02	.02	.02	.04	.04	.04	.03	.03	.03	.02	.02			.03	.03	.04	.04	.04	.05	.05	.06	.033	22	.06
17	.06	.06	.06	.04	.04	.03	.04	.05	.05	.05	.05	.05	.05	.05		.05	.05	.06	.07	.09	.08	.07	.05	.05	.053	23	.10
18*	.05	.06	.05	.05	.05	.05	.05	.07	.08	.04	.03							.03	.04	.07	.07	.06	.04	.05	.051	18	.09
19*	.03	.03	.03	.03	.02	.01	.01	.01	.01	.02	.02	.03	.03	.02			.04	.03	.02	.03	.03	.03	.02	.03	.024	22	.05
20	.03	.02	.01	.01	.01	.02	.02	.04	.04	.04		.02	.02	.02		.03	.03	.03	.03	.03	.02	.03	.02	.03	.024	22	.05
21	.02	.02	.02	.01	.01	.02	.02	.03	.03	.03	.03	.03		.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.026	22	.04
22	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.03	.03		.03	.03	.03	.04	.03	.03	.03	.03	.03	.029	23	.04
23	.03	.02	.02	.03	.02	.02	.03	.03	.03	.03	.02							.03	.03	.03	.04	.04	.05	.04	.030	18	.05
24	.04	.04	.03	.03	.01	.01	.02	.02	.03	.04	.03	.03	.03			.02	.02	.03	.02	.02	.03	.03	.03	.03	.027	22	.04
25*	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.05	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.012	23	.07
26*	.00	.00	.00	.00	.00		.00	.00	.00				.03	.02		.02	.05	.06	.06	.05	.06	.05	.05	.05	.026	19	.07
27	.05	.05	.05	.05	.05	.06	.09	.11		.04	.03	.03	.03	.04		.04	.04	.04	.03	.03	.02	.02	.03	.03	.042	22	.12
28	.03	.02	.02	.02	.01	.02	.02	.03	.04	.04	.03	.03	.02	.03			.03	.03	.03	.03	.03	.03	.03	.02	.025	22	.04
29																											
30																											
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	1	.03	.03	.04	.04	.04	.04	.04	.04	.04	.034		
NO.	25	25	25	24	25	24	25	25	24	24	21	19	18	19		17	22	25	25	25	25	25	25	25		538	
MAX	.06	.06	.06	.05	.05	.06	.09	.11	.08	.05	.05	.06	.05	.05	.01	.05	.06	.06	.07	.09	.08	.08	.06	.06	.053		.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-102. MAY, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1																.04	.03	.03	.04	.04	.03	.04	.04	.03	.041	20	.06
2*	.04	.03	.03	.04	.05	.05	.05	.05	.05	.05	.05		.03	.03		.03	.03	.03	.03	.04	.05	.05	.05	.05	.037	23	.05
3*	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.06	.03		.03	.04	.03	.03	.03	.03	.04	.04	.03	.052	22	.14
4	.05	.05	.05	.05	.05	.04	.05	.08	.12	.10	.10		.05	.06		.04	.04	.03	.03	.03	.03	.04	.04	.04	.039	23	.07
5	.04	.04	.04	.03	.03	.03	.04	.04	.04	.05	.05	.05															
6	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02	.02						.10	.08	.06	.06	.06	.06	.07	.043	19	.11
7	.06	.06	.05	.05	.05	.05	.07	.11	.12	.06	.10	.08	.07	.09		.09	.11	.10	.10	.10	.09	.08	.08	.08	.080	23	.14
8	.08	.08	.08	.08	.08	.08	.12	.26	.23	.11	.04	.03	.03			.03									.093	14	.29
9*																											
10*	.04	.04	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.07	.07	.08	.08	.08	.040	24	.09
11	.08	.07		.05	.07	.07	.09	.08	.04	.02	.03	.03	.03	.03				.02	.03	.04	.05	.06	.07	.07	.052	20	.10
12	.06	.06	.06	.05	.04	.05	.06	.07	.09	.09	.09	.10	.07	.08		.07	.06	.04	.05	.05	.05	.05	.04	.05	.062	23	.12
13	.06	.05	.05	.05	.05	.05	.06	.06	.06	.06	.07	.05	.06	.08		.07	.05	.05	.05	.05	.06	.06	.06	.06	.056	23	.09
14	.05	.04	.04	.04	.04	.03	.05	.05	.05	.05	.05	.04	.03	.04		.04	.04	.03	.04	.03	.04	.06	.06	.06	.039	23	.06
15	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.04	.04	.04	.05											.036	14	.06
16*																.05	.05	.05	.07	.10	.10	.10	.09	.08	.070	23	.12
17*	.11	.11	.10	.08	.06	.05	.07	.08	.06	.05	.04	.05	.05	.04		.04	.05	.04	.05	.07	.07	.09	.08	.09	.065	23	.11
18	.08	.07	.07	.07	.07	.07	.08	.09	.06	.06	.05	.05	.04	.04			.07	.06	.06	.05	.06	.05	.05	.06	.076	22	.13
19	.09	.09	.09	.09	.08	.08	.08	.10	.12	.12	.09	.08	.07	.06													
20																											
21																.05	.09	.09	.08	.09	.11	.09	.10	.08	.073	23	.11
22	.05	.05	.04	.05	.04	.05	.06	.06	.06	.10	.10	.10	.09	.08		.02	.03	.03	.05	.07	.07	.11	.14	.18	.056	24	.21
23*	.06	.05	.04	.04	.04	.05	.06	.08	.07	.04	.03	.03	.03	.03	.01		.06	.05	.08	.11	.15	.14	.11	.11	.094	21	.17
24*	.14	.11	.11	.11	.12	.10	.12	.12	.12		.04	.03	.03	.04			.03	.02	.02	.03	.03	.01	.01	.01	.029	22	.12
25	.08	.04	.03	.02	.03	.05	.06	.06	.03		.02	.02	.02	.02		.02											
26	.01	.01	.01	.01	.01	.01	.01	.01			.02	.02	.02	.02		.02	.05	.03	.04	.05	.05	.05	.05	.05	.025	21	.06
27	.05	.04	.06	.06	.06	.06	.06	.06	.06	.04	.02	.02	.04	.04		.05	.05	.04	.04	.05	.04	.03	.03	.03	.044	23	.07
28	.02	.04	.04	.04	.04	.05	.05	.04	.04	.03	.03	.03	.03			.04	.05	.05	.06	.06	.06	.06	.07	.06	.044	22	.07
29	.04	.03	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04		.04	.05	.05	.05	.06	.05	.06	.06	.06	.042	23	.07
30*	.05	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.04	.02			.03	.03	.03	.04	.04	.04	.05	.05	.039	22	.06
31*	.05	.06	.08	.07	.07	.06	.06	.06	.06	.06	.08	.11	.07	.05		.03	.04	.04	.04	.04	.06	.07	.06	.07	.060	23	.12
MEAN	.06	.05	.05	.05	.05	.05	.06	.07	.07	.06	.05	.05	.04	.05		.04	.05	.04	.05	.06	.06	.06	.06	.06	.053		
NO	26	26	25	26	26	26	26	26	25	23	26	24	24	22	2	20	22	24	24	24	24	24	24	24		563	
MAX	.14	.11	.11	.11	.12	.10	.12	.26	.23	.12	.10	.11	.09	.09	.03	.09	.11	.10	.10	.11	.15	.14	.14	.18	.094		.29

* Indicates Saturday or Sunday

Local standard time used

Table 3-103. JUNE, 1964. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1	.08	.07	.07	.08	.09	.10	.11	.10	.08		.08	.08	.05	.04			.04	.04	.06	.07	.08	.09	.08	.08	.073	21	.12
2	.07	.06	.05	.03	.03	.03	.05	.05	.05	.04	.04	.04	.04	.04			.05	.05	.04	.05	.04	.04	.06	.07	.046	22	.08
3	.07	.06	.07	.06	.06	.06	.08	.10	.09	.05	.03	.02	.02	.02		.03	.05	.04	.04	.04	.04	.05	.04	.05	.050	23	.11
4	.04	.05	.04	.04	.04	.05	.05	.05	.04	.05		.02	.01		.05	.06	.06	.05	.05	.08	.09	.10	.11	.08	.054	22	.11
5	.04	.02	.03	.03	.03	.04	.05	.06	.06	.04	.04	.04	.04			.03	.03	.02	.03	.04	.06	.05	.04	.04	.038	22	.07
6*	.03	.03	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.04	.03		.04	.04	.04	.07	.04	.04	.04	.04	.04	.042	23	.08
7*	.05	.04	.03	.05	.07	.07	.08	.08	.06	.05	.05	.05	.05	.06		.03	.03	.03	.03	.04	.04	.04	.04	.04	.048	23	.09
8	.05	.08	.07	.07	.07	.07	.09	.12	.12			.05	.06	.04		.03	.04	.07	.05	.05	.04	.04	.05	.05	.062	21	.15
9	.04	.03	.03	.03	.03	.03	.05	.08	.08	.06			.03	.03		.03	.04	.03	.03	.03	.03	.03	.04	.03	.037	21	.09
10	.02	.02	.02	.02	.04	.06	.07	.07	.09	.09	.08	.04	.04	.03		.06	.05	.05	.05	.05	.05	.05	.05	.06	.049	23	.11
11	.03	.01	.01	.01	.01	.02	.04	.04	.04	.04	.04	.03	.04	.04		.06	.07	.06	.05	.07	.08	.07	.07	.06	.043	23	.08
12	.06	.06	.05	.05	.05	.05	.07	.10	.11	.09	.08	.07	.08	.07		.08	.10	.09	.08	.09	.05	.07	.10	.13	.077	23	.15
13*	.12	.10	.07	.03	.05	.04	.08	.09	.12	.09	.07	.08	.08	.07		.05	.04								.073	16	.14
14*																											
15										.07	.07	.03	.02	.04		.06	.06	.04	.07	.07	.07	.05	.04	.03	.051	14	.08
16	.02	.02	.02	.01	.02	.03	.03	.02	.02	.03	.03	.03	.03	.03		.03	.03	.03	.02	.03	.03	.03	.04	.03	.026	23	.04
17	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.03											.027	14	.04
18	.00										.08	.04	.02	.03			.05	.04	.03	.01	.02	.02	.02	.01	.028	13	.10
19	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.04	.08	.06	.07			.09	.08	.09	.10	.09	.07	.06	.05	.047	22	.10
20*	.03	.03	.05	.03	.04	.05	.06	.08	.06	.05	.08	.08	.07	.05		.02	.03	.02	.03	.03	.05	.06	.05	.04	.046	23	.10
21*	.04	.04	.02	.02	.03	.02	.04	.04	.02	.02	.04	.03	.03	.03		.02	.02	.01	.02	.02	.02	.02	.04	.04	.027	23	.05
22	.02	.02	.02	.04	.02	.00	.00	.00									.06	.03	.01	.01	.01	.01	.02	.01	.017	16	.07
23	.01	.01	.02	.02	.01	.02	.02	.04	.03	.03	.03	.03	.04	.02		.06	.07	.05	.02	.02	.02	.02	.03	.02	.027	23	.07
24	.01	.01	.02	.03	.03	.02	.03	.04	.03	.05	.03	.03	.04	.04		.05	.08	.08	.08	.06	.04	.05	.04	.03	.039	23	.10
25	.04	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03			.05	.04	.03	.04	.05	.05	.06	.05	.036	22	.06
26	.05	.05	.04	.04	.04	.05	.06	.09	.07		.05	.06	.05	.05		.02	.03	.02	.01	.01	.00	.00	.00	.00	.035	22	.10
27*	.00	.00	.00	.00	.00	.00	.00	.00			.03	.03	.03	.03		.01	.02	.02	.02	.01	.01	.01	.01	.01	.012	21	.03
28*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.02	.03	.02	.03	.03	.012	23	.03
29	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.07	.07	.07			.04	.05	.04	.03	.02	.02	.02	.02	.02	.038	22	.09
30	.04	.04	.05	.06	.06	.06	.06	.07	.06	.04	.03		.02	.03		.03	.04	.04	.03	.02	.03	.02	.03	.02	.038	22	.07
MEAN	.04	.04	.03	.03	.04	.04	.05	.06	.06	.05	.05	.04	.04	.04		.04	.05	.04	.04	.04	.04	.04	.04	.04	.041		
NO	28	27	27	27	27	27	27	27	25	23	25	26	28	25	1	22	28	27	27	27	27	27	27	27		609	
MAX	.12	.10	.07	.08	.09	.10	.11	.12	.12	.09	.08	.08	.08	.07	.05	.08	.10	.09	.09	.10	.09	.10	.11	.13	.077		.15

* Indicates Saturday or Sunday

Local standard time used

Table 3-104. JULY, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	.03	.03	.02	.03	.02	.03	.03	.03				.03	.03	.03		.02	.03	.02	.04	.03	.04	.02	.01	.01	.027	20	.05
2	.02	.03	.01	.02	.02	.02	.02	.03	.05	.07	.10					.07	.06	.06	.04	.02	.03	.05	.05	.05	.041	20	.12
3	.05	.04	.04	.03	.03	.03	.04	.04	.05	.03	.05	.05				.05	.06	.06	.06	.04	.05	.04	.03	.03	.041	22	.08
4*	.02	.03	.02	.03	.04	.04	.03	.03	.02	.03	.03	.04	.03	.04		.01	.01	.01	.01	.02	.02	.01	.01	.01	.024	23	.04
5*	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02		.02	.01	.01	.02	.03	.04	.04	.03	.04	.018	23	.04
6																											
7																											
8	.03	.01	.01	.01	.02	.03	.03	.04	.03		.07	.08	.07	.06		.06	.06	.06	.07	.08	.08	.07	.06	.06	.050	22	.09
9	.06	.04	.04	.03	.03	.05	.07	.07	.06	.05	.05	.05	.04	.04					.05	.05	.04	.04	.06	.06	.048	20	.07
10	.05	.05	.06	.05	.05	.05	.06	.06	.03	.03	.03	.03	.03	.03					.04	.07	.07	.05	.05	.07	.048	20	.09
11*	.07	.08	.05	.06	.05	.05	.06	.10	.16		.16	.09	.09	.07		.06	.05	.05	.06	.07	.06	.05	.11	.12	.079	22	.19
12*	.11	.12	.10	.10	.06	.03	.04	.05	.04	.03		.01	.01	.01		.02	.02	.03	.07	.03	.03	.03	.03	.03	.045	22	.14
13	.02	.02	.02	.01	.02	.03	.06	.07	.05	.03		.02	.03	.03		.04	.05	.07	.07	.07	.06	.05	.05	.05	.042	22	.08
14	.05	.06	.05	.04	.04	.04	.04	.04	.06	.05	.04	.03	.03	.03		.03	.06	.05	.03	.03	.02	.02	.02	.02	.038	23	.07
15		.02	.02	.02	.03	.03	.04	.05	.07	.05	.03	.03				.03	.03	.02	.02	.02	.04	.04	.04	.04	.032	20	.08
16	.04	.03	.02	.02	.02	.02	.02	.03	.06	.05	.05	.04	.05			.06	.03	.03	.03	.03	.03	.04	.04	.04	.033	21	.06
17	.04	.03	.02	.04	.04	.04	.05	.06	.08	.06	.04	.04	.05	.04		.04	.08	.05		.06	.03	.04	.04	.05	.047	22	.10
18*	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.05		.05	.04	.04	.03	.02	.03	.04	.04	.04	.036	23	.05
19*	.05	.05	.06	.04	.03	.03	.03	.03	.03				.05	.07		.05	.08	.09	.11	.11	.09	.11	.07	.04	.060	20	.13
20	.03	.03	.03	.02	.03	.03	.03	.04	.04	.04		.06	.05	.04		.02	.03	.02	.02	.02	.02	.03	.04	.03	.032	22	.07
21	.02	.01	.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.02	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.019	23	.04
22	.02	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.03	.03	.04	.04	.03	.03	.03	.03	.027	22	.06
23	.03	.03	.02	.02	.03	.03	.03	.04	.04	.05	.06		.04	.06		.03	.04	.04	.04	.03	.02	.03	.03	.03	.035	22	.06
24	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.05												.028	13	.05
25*																											
26*	.04	.03	.03	.03	.04	.04	.03	.03	.04	.04	.02	.02	.02	.04		.02	.04	.04	.04	.03	.04	.02	.02	.03	.031	16	.06
27	.03	.03	.02	.03	.03	.02	.05	.05	.03	.04	.04	.04	.02	.04				.05	.03	.02	.02	.02	.02	.02	.028	23	.05
28	.02	.03	.03	.02	.02	.03	.01	.01			.04	.02	.05	.03				.02	.02	.02	.02	.01	.02	.02	.028	21	.06
29	.02	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.01	.02	.02		.01	.02	.00	.01	.03	.01	.01	.01	.01	.013	19	.06
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02		.01	.02	.01	.01	.02	.02	.02	.01	.01	.008	23	.03
31																											
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04		.04	.04	.04	.04	.04	.04	.03	.04	.04	.035		
NO.	26	27	27	27	27	27	26	26	24	21	21	24	24	22		19	22	24	25	26	26	26	26	26		569	
MAX	.11	.12	.10	.10	.06	.05	.07	.10	.16	.07	.16	.09	.09	.07		.07	.08	.09	.11	.11	.09	.11	.11	.12	.079		.19

* Indicates Saturday or Sunday

Local standard time used

Table 3-105. AUGUST, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX
1*																											
2*																											
3	.04	.02	.01	.01	.02	.02	.02	.02	.03	.04	.03	.03	.03	.04		.03	.03	.02	.02	.02	.02	.02	.02	.02	.024	23	.05
4	.02	.01	.01	.01	.01	.01	.01	.01	.04	.03							.04	.05	.05	.03	.03	.02	.03	.03	.022	18	.06
5	.03	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.04	.05	.03		.04	.05	.06	.06	.05	.05	.03	.04	.04	.035	23	.07
6	.04	.03	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03		.02	.04	.03	.04	.06	.06	.06	.05	.04	.032	23	.06
7	.05	.04	.04	.04	.03	.02	.03	.04	.07	.08	.11	.04	.02	.03		.03	.03	.02	.02	.02	.03	.02	.02	.01	.036	23	.15
8*	.01	.01	.01	.01	.03	.04	.05	.04	.04	.03	.05		.03	.03		.03	.04	.03	.04	.05	.05	.03	.04	.03	.032	22	.06
9*	.03	.04	.04	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.02		.02	.02	.02	.03	.04	.05	.05	.05	.05	.027	23	.05
10	.05	.05	.05	.04	.04	.04	.05	.06	.08	.14	.06	.04				.04	.04	.03	.03	.03	.04	.04	.04	.03	.047	21	.16
11	.03	.03	.03	.04	.04	.04	.05	.05	.03	.03	.04	.04	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.02	.030	23	.06
12	.01	.01	.00	.00	.00	.01	.02	.02	.03	.03	.02	.02	.02	.02											.015	14	.04
13																											
14	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.04	.03	.03			.06	.06	.05	.03	.04	.04	.04	.03	.039	22	.08
15*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01		.02	.01	.01	.02	.03	.05	.04	.05	.06	.028	23	.06
16*	.05	.06	.05	.04	.04	.04	.05	.05	.06	.04	.03	.02	.01	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.028	23	.06
17	.01	.01	.01	.01	.01	.03	.04	.04	.05	.04	.03	.03				.02	.03	.02	.02	.03	.07	.06	.06	.05	.031	21	.08
18	.03	.03	.04	.03	.03	.05	.07	.07	.08	.05	.04	.02	.02	.02											.041	14	.09
19																											
20	.03	.03	.03	.02	.02	.02	.03	.06	.06	.03	.03	.03	.02	.02		.03	.04	.03	.04		.06	.06	.06	.06	.036	22	.08
21	.05	.05	.04	.04	.03	.03	.04	.04	.03	.03	.04	.05	.05	.04		.04	.06	.04	.02		.03	.02	.02	.02	.037	22	.07
22*	.04	.03	.02	.02	.04	.04	.05	.05	.05	.05	.03	.03	.03	.03		.03	.03	.02	.03	.03	.03	.02	.02	.02	.032	23	.05
23*	.02	.02	.01	.02	.02	.02	.03	.04	.03	.04	.03	.02	.02	.02		.02	.02	.02	.05	.08	.08	.08	.08	.07	.035	23	.09
24	.06	.06	.05	.04	.05	.05	.07	.08	.06	.05	.04	.03	.03				.05	.03	.04	.05	.07	.06	.07	.07	.052	21	.09
25	.08	.07	.07	.07	.05	.06	.07	.09	.11	.09	.07	.04	.03	.02		.02	.03	.02	.03	.03	.04	.03	.03	.03	.050	23	.13
26	.03	.02	.02	.02	.03	.04	.04	.05	.05	.05	.05	.04	.03	.03						.04	.04	.04	.04	.04	.036	19	.06
27	.05	.04	.04	.03	.03	.03	.04	.06	.06	.06	.05	.04	.05					.06	.03	.04	.05	.04	.03	.04	.043	20	.08
28	.05	.04	.04	.05	.04	.03	.05	.05	.05					.04			.06	.08	.09	.09	.08	.07	.08	.07	.058	18	.10
29*	.07	.07	.06	.05	.05	.05	.05	.06	.06	.06	.05	.03	.04			.02	.04			.07	.07	.06	.06	.05	.053	20	.08
30*	.05	.04	.04	.06	.04	.03	.04	.05		.07	.06	.04	.03	.02			.02	.01	.02	.02	.02	.02		.02	.034	20	.08
31	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.05	.04	.05	.03		.06	.04	.03	.03	.03	.03	.03	.03	.030	23	.06
MEAN	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.03	.03	.03	1	.02	.04	.03	.03	.04	.04	.04	.04	.04	.036		
NO	27	27	27	27	27	27	27	27	26	26	25	24	23	21	1	17	23	23	23	23	25	25	24	25		570	
MAX	.08	.07	.07	.07	.05	.06	.07	.09	.11	.14	.11	.05	.05	.05	.03	.04	.06	.08	.09	.09	.08	.08	.08	.07	.058		.16

* Indicates Saturday or Sunday

Local standard time used

Table 3-106. SEPTEMBER, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.02	.02	.02	.02	.02	.03	.04	.04	.03	.04	.04	.04	.03	.03	.02		.05	.04	.04	.04	.04	.03	.03	.03	.032	23	.05
2	.02	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.02	.03	.03	.02		.04	.03	.05	.06	.06	.04	.06	.06	.032	23	.07
3																											
4																											
5*	.07	.06	.05	.04	.03	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03		.03	.03	.05	.05	.05	.05	.05	.05	.036	23	.08
6*	.04	.03	.02	.02	.02	.03	.04	.04	.03	.03	.02	.02	.02	.02			.03	.03	.06	.07	.08	.08	.08	.07	.040	22	.09
7	.08	.07	.06	.05	.05	.05	.06	.08	.09	.11	.11	.05	.03	.03	.02		.03	.02	.02	.03	.05	.04	.04	.03	.052	23	.12
8	.02	.02	.02	.02	.03										.02		.05	.04	.02	.03	.02	.03	.04	.04	.027	14	.05
9	.04	.04	.04	.03	.03	.03	.04	.06	.08		.07	.08	.06			.04	.06	.07	.06	.07	.06	.03	.03	.03	.049	21	.09
10	.04	.05	.03	.03	.03	.03	.04	.08	.07	.08	.07	.04	.04	.03	.03		.03	.02	.02	.02	.01	.02	.02	.01	.036	23	.11
11	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03														
12*	.02	.02	.01	.01	.01	.01	.02	.03	.03	.03	.02	.03	.04	.04	.05		.06	.06	.05	.04	.02	.02	.10	.02	.029	21	.22
13*	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04									.06	.06	.05	.04	.03	.03	.030	21	.06
14	.04	.04	.04	.02	.02	.03	.04	.04	.04	.03	.03	.04	.04	.04		.04	.04	.04	.05	.05	.05	.04	.04	.03	.037	18	.05
15	.05	.05	.04	.04	.05	.12	.09	.08	.08	.05	.04	.03	.04	.04		.05	.05	.05	.06	.06	.06	.10	.06	.05	.043	23	.20
16	.03	.07	.02	.03	.02	.02	.02	.03	.03	.04			.03	.03		.05	.05	.04	.03	.03	.03	.03	.03	.03	.047	23	.37
17	.04	.03	.04	.06	.06	.06								.04		.03	.04	.03	.03	.04	.04	.03	.03	.03	.031	20	.17
18	.06	.06	.05	.05	.05	.04	.04	.05	.08	.18	.16	.12		.06	.07	.07	.08	.09	.08	.08	.07	.08	.08	.09	.065	17	.09
19*	.05	.05	.04		.02	.03	.04	.03	.03	.03				.11	.13	.07	.08	.08	.07	.07	.07	.06	.05	.06	.078	23	.20
20*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.02	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.031	21	.06
21	.03	.03	.03	.03	.04	.03	.03	.03	.03		.03	.04	.05	.03	.04		.02	.02	.02	.02	.02	.02	.02	.03	.024	23	.10
22	.03	.03	.03	.03	.03	.04	.04						.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.030	23	.04
23	.03	.03								.02	.03	.02	.03	.03			.05	.05	.05	.06	.06	.05	.05	.04	.042	15	.06
24	.03	.03	.01	.01	.03	.03	.04		.04				.02	.02	.03	.03	.04	.04	.06	.06	.06	.05	.04	.04	.038	15	.07
25	.02	.02	.02	.02	.03				.02	.02	.02	.02		.02	.03	.04	.03	.03	.03	.03	.02	.02	.02	.02	.027	20	.05
26*	.03	.03	.03	.03	.03	.04	.04	.07	.08	.07			.04	.03			.02	.02	.04	.04	.04	.04	.04	.03	.028	20	.08
27*	.03	.02	.02	.02	.02	.03	.02	.01	.01	.03		.01	.01	.01	.01		.02	.02	.02	.02	.03	.04	.05	.05	.035	20	.11
28	.03	.02	.02		.01	.02	.02	.03	.02	.02	.02		.03	.03	.04		.04	.04	.03	.03	.03	.03	.03	.03	.024	22	.05
29	.02	.02	.03	.02	.03	.03	.03	.03	.04	.04	.05	.06	.06	.07		.06	.05	.04	.03	.04	.04	.05	.06	.07	.026	21	.04
30	.07	.07	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04		.04	.04	.03	.03	.03	.04	.04	.03	.03	.042	23	.08
																									.036	23	.08
MEAN	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04	.04		.04	.04	.04	.04	.04	.04	.04	.04	.037		
NO	28	28	27	25	27	25	24	22	24	22	19	19	21	23	16	12	27	27	28	28	28	28	28	28		584	
MAX	.08	.07	.06	.06	.06	.12	.09	.08	.09	.18	.16	.12	.06	.11	.13	.07	.08	.09	.08	.08	.08	.10	.10	.09	.078		.37

* Indicates Saturday or Sunday

Local standard time used

Table 3-107. OCTOBER, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.03	.02	.02	.02	.02	.01	.01	.02	.02	.02	.01	.01	.01	.01			.03	.03	.02	.02	.02	.02	.01	.01	.019	22	.04
2	.01	.01	.02	.02	.02	.02	.02	.02	.03			.03	.03	.03		.03	.04	.04	.03	.03	.03	.03	.03	.03	.026	21	.05
3*	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02		.02	.03	.03	.05	.05	.05	.05	.05	.06	.032	23	.07
4*	.06	.06	.06	.04	.04	.03	.03	.04	.04	.03	.03	.08	.19	.08			.21	.20	.16	.12	.11	.11	.12	.10	.087	22	.25
5	.09	.08	.08	.07	.07	.07	.06	.06	.06	.07	.06	.06	.05	.05			.06	.06	.05	.05	.05	.05	.05	.05	.061	22	.11
6	.05	.04	.04	.04	.04	.04	.04	.05	.06	.06	.05	.05	.04	.05		.05	.06	.06	.06	.06	.05	.04	.04	.04	.048	23	.06
7	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03		.04	.04	.04	.04	.05	.05	.05	.05	.04	.038	23	.06
8	.04	.03	.03	.03	.03	.03	.03	.04	.05	.05	.06	.06	.05	.06		.06	.06	.06							.045	17	.08
9																											
10*							.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.02	.02	.03	.023	17	.03
11*	.03	.03	.02	.03	.03	.03	.03	.03				.08	.07			.04	.05	.06	.06	.06	.05	.05	.04	.04	.044	19	.09
12	.05	.05	.05	.04	.04	.04	.04	.06	.07	.06	.06	.05	.05			.04	.05	.05	.05	.06	.05	.06	.06	.05	.051	22	.08
13	.06	.06	.06	.06	.05	.05	.05	.05				.04	.04				.07	.11	.11	.12	.10	.10	.11	.10	.075	18	.12
14																											
15																											
16																											
17*																											
18*												.03	.03	.03	.03	.03	.03	.05	.05	.06	.06	.06	.07	.06	.046	13	.07
19	.06	.06	.07	.05	.06	.06	.06	.06	.05	.03	.03	.02	.02	.03			.01	.01	.01	.01	.02	.01	.02	.02	.034	22	.08
20	.01	.02	.02	.02	.02	.02	.02	.06	.03	.03	.05	.03	.03	.03			.02	.03	.03	.03	.03	.03	.02	.02	.027	22	.12
21	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03		.04		.04			.04	.04	.04	.04	.04	.04	.04		.031	19	.05
22											.03	.03	.03	.03		.03	.04	.05	.04	.04	.04	.04	.04	.04	.036	13	.05
23	.04	.04	.04	.04	.04	.04	.04	.04		.04							.01	.01	.01	.03	.03				.032	14	.05
24*																											
25*																											
26																											
27																											
28																											
29																											
30																											
31*																											
MEAN							.03	.04				.04	.04				.05	.05	.05	.05	.05	.05	.05				
NO.	15	15	15	15	15	15	16	16	13	13	12	17	16	13	2	10	18	18	17	17	17	16	16	15		352	
MAX	.09	.08	.08	.07	.07	.07	.06	.06	.07	.07	.06	.08	.19	.08	.03	.06	.21	.20	.16	.12	.11	.11	.12	.10	.087		.25

* Indicates Saturday or Sunday

Local standard time used

Table 3-108. NOVEMBER, 1964, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2																											
3																											
4																											
5																											
6																											
7*																											
8*																											
9																											
10																											
11																											
12																											
13																											
14*																											
15*																											
16																											
17																											
18	.04	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.05	.05	.035	23	.05
19	.04	.04	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.03	.04		.04		.05	.04	.04	.04	.04	.04	.03	.038	22	.05
20	.03	.02	.02	.02	.03	.03	.03	.02	.03			.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.031	22	.04
21*	.04	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.031	22	.05
22*	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03		.03	.03	.03	.03	.04	.03	.04	.03	.04	.028	23	.04
23	.03	.03	.03	.03	.04	.04	.04	.05	.04	.05	.04	.04	.04	.04			.02	.02	.02	.02	.02	.02	.03	.03	.033	22	.05
24	.03	.03	.04	.04	.04	.03	.03	.03	.04	.05	.05	.04	.04	.03		.05	.05	.05	.05	.05	.05	.05	.05	.05	.042	23	.06
25	.06	.05	.05	.05	.04	.04	.04	.04	.05	.05	.05	.05	.04	.04			.04	.04	.03	.03	.03	.03	.03	.02	.040	22	.06
26	.02	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.02	.02	.02		.03	.04	.04	.04	.04	.04	.04	.04	.04	.030	23	.04
27	.04	.04	.04	.04	.04	.04	.03	.04	.04			.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.034	22	.05
28*	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04		.03	.03		.04	.04	.04	.04	.04	.04	.05	.05	.05	.036	22	.05
29*	.05	.05	.05	.05	.05	.03	.03	.04	.04	.04	.04	.04			.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.036	22	.05
30	.03	.03	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.02	.01		.02	.02	.02	.02	.02	.02	.01	.01	.01	.020	23	.03
MEAN																											
NO	13	13	13	13	13	13	13	13	13	11	11	12	12	12	3	10	12	13	13	13	13	13	13	13		291	
MAX	.06	.05	.05	.05	.05	.04	.04	.05	.05	.05	.05	.05	.04	.04	.03	.05	.05	.05	.05	.05	.05	.05	.05	.05	.042		.06

* Indicates Saturday or Sunday

Local standard time used

Table 3-109. DECEMBER, 1964. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	AM 1-2	AM 2-3	AM 3-4	AM 4-5	AM 5-6	AM 6-7	AM 7-8	AM 8-9	AM 9-10	AM 10-11	AM 11-12	PM 12-1	PM 1-2	PM 2-3	PM 3-4	PM 4-5	PM 5-6	PM 6-7	PM 7-8	PM 8-9	PM 9-10	PM 10-11	PM 11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01		.00	.01		.03	.03	.03	.03	.03	.03	.03	.03	.016	22	.03
2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.03	.03	.03		.03	.03	.03	.03	.03	.03	.04	.04	.03	.032	23	.05
3	.04	.04	.03	.03	.03	.03	.04	.04	.05	.04	.04	.04	.04	.05		.03	.04	.04	.04	.03	.03	.03	.03	.03	.036	23	.05
4	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04	.03	.03	.03		.03	.04	.04	.04	.03	.03	.03	.03	.03	.034	23	.04
5*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.03	.04	.04	.04	.03	.03	.032	22	.05
6*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.04	.04	.03	.04	.03	.04	.04	.032	22	.04
8	.04	.03	.04	.04	.04	.05	.03	.03	.04	.04	.03	.03	.03	.04		.03	.03	.04	.04	.03	.04	.04	.04	.03	.035	23	.06
9	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02		.03	.03	.03	.04	.03	.03	.03	.03	.03	.029	23	.04
10	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.07	.08	.10		.11	.09	.07	.06	.06	.06	.06	.04	.04	.053	23	.12
11	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05		.04	.04	.04		.03	.02	.03	.02	.03	.03	.02	.01	.02	.032	21	.05
12*	.02	.02	.01	.02	.02	.01	.02	.02	.03	.03	.04	.03	.05	.03		.03	.03	.04	.03	.03	.03	.03	.04	.03	.027	23	.05
13*	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.04	.04	.03			.03	.03	.03	.03	.03	.02	.02	.02	.029	23	.04
14	.02	.02	.01	.01	.01	.02	.02	.02	.02		.02	.02					.03	.03	.03	.03	.03	.03	.04	.04	.024	19	.04
15	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.04	.04	.03	.03	.03	.02	.020	23	.03
16	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.04
17	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.04	.03	.03	.03	.030	23	.04
18	.02	.02	.02	.01	.01	.01	.02	.02	.02			.04	.03	.02		.02		.04	.04	.04	.03	.03	.03	.03	.025	20	.05
19*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.04	.04	.04	.03	.03	.03	.03	.03	.031	22	.04
20*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.04	.03	.03	.02	.02	.02	.02	.028	23	.03
21	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04		.05	.06	.06	.05	.03	.03	.03	.03	.03	.032	23	.06
22	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.04			.05	.05	.06	.03	.03	.05	.04	.03	.040	22	.07
23	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02			.03	.03	.03	.05	.03	.02	.05	.04	.02	.028	23	.04
24	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.02	.02	.02		.021	22	.03
25																											
26*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02			.03	.03	.03	.03	.02	.02	.02		.022	22	.04
27*																											
28	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.02	.02	.026	23	.04
29	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.03		.03	.03	.04	.04	.05	.05	.05	.05	.05	.032	23	.06
30																									.031	18	.06
31	.06	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02		.02	.02	.03	.02								
MEAN	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	2	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	623	
NO.	28	28	28	28	28	28	28	28	28	26	26	28	26	26	.03	20	27	28	28	27	27	27	26				
MAX	.06	.06	.04	.04	.04	.05	.04	.04	.05	.05	.05	.07	.08	.10	.03	.11	.09	.07	.06	.06	.06	.06	.05	.05	.053		.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-110. JANUARY, 1965. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1											.03	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.05	.05	.04	.033	18	.05
2*	.00	.00	.00	.00									.01	.02	.02		.02	.02	.02	.02	.02	.03	.03	.03	.023	21	.04
3*	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02			.03	.03		.02	.03	.03	.04	.03	.03	.03	.03	.03	.028	23	.04
4	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.03	.03	.04	.03		.03	.03	.02	.02	.01	.01	.00	.00	.00	.020	23	.05
5	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04															
6	.00										.03	.03	.03	.03	.03	.04	.04	.03	.03	.04	.04	.04	.04	.07	.033	15	.09
7	.09	.09	.08	.06	.05	.05	.05	.06	.08	.13	.14	.09	.09	.07		.03	.04	.04	.04	.04	.04	.04	.04	.04	.064	23	.15
8	.04	.03	.03	.03	.02	.03	.03	.04	.04	.04	.04	.04	.04	.05		.01	.04	.05	.05	.04	.05	.05	.05	.05	.038	23	.06
9*	.05	.05	.05	.05	.05	.04	.04	.04	.03	.04	.04	.04	.04	.03		.02	.03	.02	.02	.02	.02	.02	.03	.03	.034	23	.06
10*	.03	.03	.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.03
11	.03	.03	.02	.02	.02	.02	.02	.02	.02							.04	.04	.05	.06	.05	.05	.06	.06	.06	.036	18	.07
12	.04	.04	.03	.03	.03	.03	.03	.03	.03	.05	.05	.04	.04	.04		.04	.05	.05	.05	.05	.06	.06	.06	.07	.043	23	.07
13	.07	.07	.05	.05	.05	.06	.06	.07	.07	.05	.05	.04	.03			.03	.04	.04	.04	.04	.04	.04	.04	.04	.048	22	.08
14	.04	.04	.03	.03	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.05
15	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.06	.05	.05		.03	.04	.03	.03	.04	.04	.03	.03	.03	.032	23	.06
16*	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.03	.02	.02	.02	.02	.02	.02	.023	22	.04
17*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02		.03	.03	.03	.03	.03	.04	.04	.03	.04	.026	23	.04
18	.04	.04	.04	.03	.03	.04	.03	.04	.04	.04	.07	.07	.05	.04		.03	.04	.04	.04	.04	.04	.03	.03	.03	.039	23	.10
19	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.03		.03	.03	.04	.03	.03	.04	.03	.03	.03	.028	23	.04
20	.03	.04	.03	.03	.03	.03	.04	.04	.04	.05	.04	.04	.04	.05			.04	.06	.03	.03	.03	.03	.02	.02	.035	22	.06
21	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.05	.05	.05	.06	.05	.06	.034	23	.06
22	.04	.04	.04	.03	.03	.04	.04	.04	.04	.06	.06	.08	.08	.09		.08	.10	.09	.08	.08	.07	.08	.07	.07	.061	23	.11
23*	.08	.08	.07	.07	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.039	23	.09
24*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.03	.03	.03	.03	.03	.03	.03	.029	23	.05
25	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.04	.030	23	.05
26	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.04	.04	.04	.04	.04	.04	.04	.03	.034	23	.05
27	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02			.02		.04	.03	.03	.03	.03	.03	.03	.023	21	.04
28	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.04	.04	.04		.03	.04	.04	.04	.04	.03	.03	.03	.03	.033	23	.05
29	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.03	.03	.03	.03	.03	.029	23	.04
30*	.03	.03	.03	.02	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05			.04	.04	.04	.04	.04	.04	.04	.04	.035	22	.05
31*	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02		.03	.03	.04	.04	.04	.04	.03		.04	.030	22	.04
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.034		
NO	30	29	29	29	28	28	28	28	28	27	28	28	29	27	3	26	29	30	30	30	30	30	29	30		663	
MAX	.09	.09	.08	.07	.06	.06	.06	.07	.08	.13	.14	.09	.09	.09	.04	.08	.10	.09	.08	.08	.07	.08	.07	.07	.064		.15

* Indicates Saturday or Sunday

Local standard time used

Table 3-111. FEBRUARY, 1965. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.03	.04	.04	.03	.04	.04	.04	.04	.05	.06	.04	.05	.04	.04		.04	.05	.05	.05	.05	.05	.05	.06	.06	.044	23	.07
2	.06	.06	.05	.05	.05	.04	.04	.04	.05	.04	.04	.04	.03	.03		.03	.03	.03	.03	.03	.03	.05	.05	.04	.040	23	.06
3	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03		.02	.03	.04	.04	.03	.03	.04	.04	.04	.036	23	.04
4	.03	.03	.03	.03	.02	.03	.03	.03	.04	.04	.03	.03	.02	.02		.03	.03	.03	.04	.04	.03	.03	.03	.03	.030	23	.05
5	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.07	.05	.04			.04	.04	.04	.04	.04	.04	.04	.04	.038	22	.07
6*	.05	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.07	.08	.09		.05	.06	.07	.07	.06	.06	.06	.05	.05	.055	23	.10
7*	.05	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05		.03	.04	.03	.03	.03	.02	.02	.02	.02	.038	23	.05
8	.02	.02	.03	.03	.03	.04	.03	.03	.04	.05	.09	.08	.03	.03		.03	.04	.04	.04	.03	.03	.02	.02	.02	.035	23	.13
9	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.06	.06		.05	.05	.04	.04	.04	.04	.04	.03	.03	.034	23	.06
10	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.04	.04	.04	.04	.030	23	.05
11	.03	.03	.03	.03	.03	.03	.03	.04	.04	.05	.06	.04	.04	.04		.05	.05	.05	.05	.04	.05	.05	.05	.06	.041	23	.06
12	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.04	.05	.06		.09	.10	.10	.09	.05	.05	.04	.04	.04	.050	23	.12
13*	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.03	.04	.04	.03	.030	23	.05
14*	.03	.02	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	23	.04
15	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.04	.05	.06		.07		.07	.07	.06	.07	.05	.05	.05	.049	22	.09
16	.05	.04	.04	.04	.04	.04	.05	.05	.05	.04	.05	.05	.06	.07		.07	.07	.06	.06	.06	.06	.06	.06	.05	.053	23	.08
17	.05	.05	.05	.04	.03	.03	.04	.03	.04	.05	.04	.04	.05	.07		.08	.07	.06	.04	.04	.04	.04	.04	.04	.046	23	.09
18	.04	.03	.03	.02	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.03	.03	.03	.031	23	.04
19																									.023	19	.05
20*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02			.03	.03	.03	.04	.04						
21*		.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.04		.02	.05	.06	.05	.05	.05	.05	.04	.04	.049	21	.06
22	.04	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02											.018	15	.04
23																											
24	.05	.05	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05				.05	.05	.06	.05	.05	.05	.04	.04	.04	.045	20	.06
25	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.02	.02		.03	.04	.03	.03	.03	.03	.03	.03	.03	.033	23	.05
26	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03			.05	.04	.04	.04	.03	.03	.030	21	.05
27*	.03	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03		.04	.05	.06	.06	.06	.05	.05	.05	.05	.039	23	.07
28*	.05	.05	.06	.06	.07	.07	.06	.05	.05	.05	.05	.04	.04	.04			.05	.05	.05	.05	.05	.04	.04	.03	.050	22	.08
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.04	.05	.05	.05	.04	.04	.04	.04	.04	.038	576	
NO	25	26	26	26	26	26	26	26	26	26	26	25	25	25		22	23	24	25	25	24	24	24	24			.13
MAX	.06	.06	.06	.06	.07	.07	.06	.05	.05	.06	.09	.08	.08	.09		.09	.10	.10	.09	.06	.07	.06	.06	.06	.055		

* Indicates Saturday or Sunday

Local standard time used

Table 3-112. MARCH, 1965, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.03	.02	.02	.02	.03	.04	.04	.04	.04	.04	.03	.03	.03		.02	.04	.04	.04	.05	.04	.04	.04	.05	.035	23	.05
2	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05		.05	.05	.05	.05	.05	.04	.05	.04	.04	.040	23	.06
3	.03	.04	.04	.04	.04	.03	.02	.02	.03	.03						.08	.07	.06	.06	.06	.06	.06	.05	.06	.047	19	.09
4	.06	.06	.06	.06	.06	.05	.05	.06	.08	.09	.09	.09	.08	.07		.04	.04	.04	.04	.05	.04	.04	.04	.04	.058	23	.10
5	.04	.04	.03	.03	.03	.03	.04	.05	.05	.04	.04	.04	.04	.04		.04	.04	.04	.03	.02	.02	.02	.02	.02	.035	23	.05
6*	.02	.02	.02	.03	.03	.03	.03	.02		.07	.05	.05	.04	.03			.04	.04	.04	.04	.04	.04	.04	.03	.035	21	.09
7*	.03	.03	.03	.03	.02	.02	.02	.03	.02	.02	.02	.01	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.026	23	.04
8	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.03		.03	.04	.04	.04	.04	.03	.03	.03	.03	.033	23	.04
9	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03		.03	.03	.03	.03	.03	.03	.04	.03	.04	.026	23	.04
10	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.03	.03	.03	.03	.031	23	.04
11	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03			.04	.05	.05	.06	.05	.05	.05	.05	.034	22	.06
12	.05	.04	.04	.04	.03	.05	.06	.06	.05	.04	.03	.03	.03	.03		.02	.03	.04	.04	.04	.04	.04	.04	.04	.039	23	.06
13*	.04	.04	.03	.03	.03	.03	.04	.04	.03	.04	.03	.03	.03	.03				.03	.04	.04	.05	.05	.04	.05	.036	21	.05
14*	.04	.05	.04	.04	.04	.04	.04	.04	.04			.04	.03	.04		.03	.05	.05	.06	.05	.06	.04	.04	.05	.043	21	.07
15	.04	.04	.04	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.04	.04	.04	.05	.034	23	.05
16	.04	.04	.04	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.032	23	.05
17	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.05	.05	.04	.03		.03	.05	.06	.05	.05	.04	.04	.05	.05	.042	23	.06
18	.05	.05	.04	.03	.03	.04	.04	.04	.05	.04	.04	.04	.04	.04		.03	.05	.07	.06	.06	.05	.04	.05	.04	.044	23	.07
19	.04	.04	.03	.03	.04	.03	.03	.04	.05	.04	.04	.03	.03	.03				.05	.04	.04	.05	.04	.04	.03	.037	21	.05
20*	.03	.03	.03	.03	.03	.02	.03	.03	.04	.04	.04	.04	.03	.03		.02	.03	.04	.04	.04	.04	.04	.04	.04	.034	23	.04
21*	.04	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03			.03	.04	.04	.04	.04	.04	.03	.03	.031	22	.05
22	.03	.03	.03	.02	.03	.03	.04	.04	.04	.05	.05	.04	.03	.03		.03	.03	.04	.04	.04	.04	.05	.05	.05	.037	23	.06
23	.05	.05	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.05	.05		.04	.05	.06	.05	.04	.04	.04	.04	.04	.045	23	.06
24	.04	.04	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03		.03	.05	.05	.05	.04	.04	.04	.03	.03	.034	23	.05
25	.03	.03	.03	.04	.04	.05	.05	.04	.05	.05	.05	.05	.05	.05		.04	.05	.05	.04	.04	.04	.04	.04	.04	.042	23	.05
26	.04	.03	.04	.04	.03	.03	.04	.04	.04	.05	.04	.05	.05	.06			.07	.07	.06	.05	.04	.04	.04	.04	.044	22	.09
27*	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.03	.04	.04	.04	.05	.04	.05	.028	22	.05
28*	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.02	.03	.03	.03		.03	.04	.05	.05	.05	.05	.05	.05	.05	.039	23	.06
29	.04	.04	.04	.04	.04	.04	.04	.04	.05	.06	.06	.05	.05	.05		.05	.05	.06	.05	.05	.04	.04	.04	.05	.046	23	.06
30	.04	.04	.04	.04	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.04	.04	.04	.04	.04	.03	.03	.033	23	.05
31	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02			.03	.03	.03	.03	.04	.04	.04	.04	.028	22	.04
MEAN	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.037		
NO	31	31	31	31	31	31	31	31	30	30	29	30	30	30		23	29	31	31	31	31	31	31	31		696	
MAX	.06	.06	.06	.06	.06	.05	.06	.06	.08	.09	.09	.09	.08	.07		.08	.07	.07	.06	.06	.06	.06	.05	.06	.058		.10

* Indicates Saturday or Sunday

Local standard time used

Table 3.113 APRIL, 1965. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	P.M. 1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	DAILY MEAN	NO. OF OBS.	5 MIN. MAX
1	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.02		.05	.05	.05	.05	.04	.04	.03	.03	.036	23	.06
2	.04	.03	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.06			.05	.05	.05	.05	.03	.03	.02	.03	.042	22	.06
3*	.03	.03	.03	.02	.03	.03	.03	.03	.03	.02	.02	.02	.03				.02	.02	.03	.04	.03	.03	.03	.03	.027	21	.04
4*	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02		.01	.02	.02	.03	.03	.03	.03	.03	.02	.024	23	.03
5	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.05	.04	.03		.03	.04	.05	.04	.05	.05	.05	.04	.04	.033	23	.05
6	.04	.04	.02	.02	.02	.02	.02	.02	.02		.05	.04	.04	.04		.05	.04	.05	.03	.03	.03	.03	.03	.03	.033	22	.06
7	.03	.02	.02	.01	.01	.02	.02	.02	.02	.05	.04	.04	.03	.03		.03	.03	.03	.03	.04	.04	.03	.03	.03	.027	23	.05
8	.03	.03	.02	.03	.03	.02	.02	.02	.04	.04	.04	.04	.04	.05		.06	.07	.06	.05	.05	.04	.03	.03	.03	.037	23	.07
9	.02	.02	.02	.02	.01	.01	.02	.02	.03	.04	.03	.03	.03	.03		.04	.04	.05	.04	.04	.04	.03	.03	.03	.028	23	.05
10*	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.03	.04	.04	.04		.07	.05	.029	22	.10
11*	.05	.04	.04	.04	.04	.03	.03	.03	.03	.02	.03	.02	.02	.02		.02	.04			.04	.05	.04	.04	.04	.033	21	.07
12	.03	.02	.02	.02	.02	.03	.04	.05	.05	.04	.04	.04	.04	.02		.02	.02	.03	.02	.02	.02	.03	.02	.03	.029	23	.05
13	.02	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.017	24	.03
14	.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.05	.05	.04	.05	.028	24	.05
15	.05	.05	.05	.07	.06	.06	.04	.06	.05	.05	.05	.04	.04	.04		.03	.04	.04	.03	.03	.03	.03	.03	.04	.043	23	.08
16	.03	.03	.03	.04	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.04	.02	.03	.030	23	.04
17*	.02	.02	.02	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02		.03	.04	.03	.03	.03	.03	.04	.05	.05	.028	23	.05
18*	.05	.05	.04	.02	.01	.01	.01	.01	.01	.01	.02		.04	.02		.02	.03	.03	.03	.03	.03	.03	.04	.04	.026	22	.07
19	.04	.04	.04	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04			.05	.04	.04	.03	.03	.03	.04	.04	.038	22	.05
20	.04	.02	.02	.02	.02	.03	.02	.03	.04	.04	.04	.05	.06	.06		.07	.09	.08	.09	.09	.08	.07	.07	.06	.052	23	.09
21	.06	.05	.04	.04	.04	.05	.04	.05	.08	.10	.08	.05	.04	.03		.02	.03	.03	.03	.04	.04	.03	.03	.03	.044	23	.10
22	.04	.04	.06	.06	.06	.05	.05	.05	.05	.04	.03	.03	.03	.03		.02	.04	.04	.04	.05	.05	.04	.05	.05	.043	23	.06
23	.05	.05	.04	.04	.04	.04	.04	.04	.04	.06	.06	.06	.06	.07				.09	.08	.08	.07	.06	.05	.04	.054	21	.10
24*	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03		.03	.03	.02	.02	.03	.03	.03	.03	.03	.029	23	.09
25*	.02	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.02	.02		.01	.02	.02	.02	.02	.02	.02	.02	.02	.022	23	.03
26	.04	.11	.03	.02	.02	.02	.01		.03	.03	.03	.03	.03	.03		.03	.04	.04	.06	.04	.03	.05	.04	.03	.036	22	.14
27	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.04	.03	.03		.03	.04	.04	.04	.04	.04	.04	.03	.03	.034	23	.09
28	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.02	.03			.04	.05	.12	.13	.06	.04	.03	.03	.038	22	.19
29	.03	.02	.02	.01	.01	.01	.01	.01		.07	.05	.03	.03	.03	.02	.03	.04	.04	.04	.05	.05	.05	.05	.05	.032	23	.07
30	.06	.06	.04	.04	.05	.05	.05	.06	.05	.04	.03	.03	.03	.03		.03	.04	.04	.04	.06	.06	.06	.04	.03	.043	23	.07
MEAN	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.03	.034		
NO.	30	30	30	30	30	30	30	29	29	29	30	29	30	29	4	29	29	29	29	30	30	29	30	30		679	
MAX	.06	.11	.06	.07	.06	.06	.05	.06	.08	.10	.08	.06	.06	.07	.02	.07	.09	.08	.12	.13	.08	.07	.07	.06	.054		.19

* Indicates Saturday or Sunday

Local standard time used

Table 3-114. MAY, 1965. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.04	.04	.03	.03	.02	.03	.04	.03	.04	.04	.04	.05	.05	.03		.03	.05	.04	.03	.04	.04	.05	.04	.05	.037	23	.06
2*	.04	.05	.05	.05	.05	.05	.05	.06	.07	.08	.05	.05	.05	.04			.04	.04	.05	.06	.05	.04	.04	.04	.050	22	.08
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	2	2	2	2	2	2	2	2	2	2	2	2	2	2		1	2	2	2	2	2	2	2	2			
NO	.04	.05	.05	.05	.05	.05	.05	.06	.07	.08	.05	.05	.05	.04		.03	.05	.04	.05	.06	.05	.05	.04	.05	.050	45	.08
MAX																											

* Indicates Saturday or Sunday

Local standard time used

Table 3-115. JULY, 1965, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1																											
2																											
3*	.01	.02	.02	.01	.01	.01	.02	.02	.03		.04	.04	.03	.02		.03	.04	.06	.07	.06	.07	.05	.04	.05	.034	22	.08
4*	.05	.05	.04	.04	.03	.03	.03	.03	.01	.02			.02	.02		.00	.02	.02	.03	.03		.02	.03	.02	.027	20	.05
5	.03	.02	.02	.02	.02	.03	.03	.03	.02	.01	.02	.02	.03	.03		.03	.04	.03	.03	.04	.03	.04	.06	.06	.029	23	.06
6	.05	.03	.02	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03		.03	.03	.04	.04	.04	.05	.04	.02	.02	.033	23	.06
7	.02	.02	.02	.02	.02	.04	.06	.06	.03	.03	.02	.02	.02	.02			.02	.02	.01	.02	.02	.01	.02	.02	.023	22	.07
8	.02	.05	.06	.05	.04	.03	.03	.04	.04	.04	.03	.04	.03	.04				.04	.04	.04	.05	.06	.07	.08	.043	21	.08
9	.08	.08	.07	.07	.08	.08	.08	.09	.07	.05	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.043	23	.09
10*	.02	.02	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.02	.03	.05	.04	.04	.05	.07	.06	.06	.036	23	.07
11*	.06	.06	.04	.03	.03	.03	.03	.04	.04	.03	.04	.03	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.03	.038	23	.07
12	.04	.03	.03	.03	.03	.03	.03	.05	.06	.07	.07	.09	.08	.08		.05	.06		.02	.03	.03	.05	.05	.06	.047	22	.10
13	.04	.04	.07	.07	.07	.07	.07	.10	.12	.07	.05	.05	.04	.03		.03	.04	.02	.02	.02	.02	.03	.04	.05	.050	23	.14
14	.05	.04	.04	.05	.04	.04	.05	.06	.06	.08	.08	.07	.06	.04		.05	.06	.07	.06	.07	.07	.06	.06	.05	.056	23	.08
15	.04	.03	.03	.02	.03	.04	.04	.05	.05	.04	.04	.05	.04	.04		.04	.05	.05	.05	.07	.05	.05	.06	.06	.043	23	.07
16	.05	.05	.03	.03	.03	.04	.05	.06	.07	.06	.05	.04	.05	.03		.03	.04	.04	.05	.05	.04	.04	.04	.03	.042	23	.07
17*	.04	.06	.08	.06	.07	.06	.06	.06	.06			.05	.03	.03		.02	.01	.01	.01	.01	.02	.02	.02	.01	.036	21	.09
18*	.01	.01	.01	.02	.03	.03	.02	.03	.03	.03	.02	.03	.03	.03		.01	.02	.05	.03	.04	.04	.04	.03	.03	.027	23	.06
19	.03	.03	.01	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03		.02	.04	.03	.04	.04	.05	.05	.04	.03	.028	23	.05
20	.01	.01	.02	.01	.01	.02	.02	.03	.02	.02	.02	.02	.02	.02		.03	.04	.03	.04	.05	.05	.06	.04	.05	.028	23	.06
21	.04	.04	.03	.02	.02	.02	.02	.03	.02	.03	.03	.02	.02	.02					.03	.04	.05	.05	.05	.03	.030	20	.06
22	.02	.04	.05	.06	.04	.04	.05	.05	.06	.08	.07	.05	.03	.04	.04	.05		.03	.03	.03	.03	.04	.03	.03	.043	23	.09
23	.03	.03	.03	.02	.02	.02	.03	.04	.06	.05	.06	.06	.04	.04		.03	.05	.04	.02	.02	.03	.03	.03	.04	.033	23	.06
24*	.04	.04	.03	.02	.01	.02	.02	.03	.05	.06	.09	.08	.06	.05			.06	.05	.06	.07	.07	.09	.08	.08	.052	22	.11
25*	.07	.05	.04	.03	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02		.02	.02	.02	.03	.03	.04	.05	.05	.04	.031	23	.08
26	.03	.03	.02	.01	.01	.03	.04	.04	.04	.04			.03	.03		.02	.04	.04	.04	.04	.05	.05	.06	.10	.037	21	.12
27	.06	.04	.06	.04	.04	.05	.05	.06	.06	.08	.10	.14	.14	.08		.01	.06	.06	.06	.07	.06	.06	.05	.04	.064	23	.15
28	.06	.04	.03	.05	.05	.06	.06	.09	.08	.04	.04	.04	.04	.04			.11	.09	.09	.07	.06	.05	.06	.05	.057	22	.12
29	.03	.02	.02	.02	.02	.03	.04	.04	.05	.05	.05	.06	.07	.06		.05	.07	.07	.06	.07	.05	.07	.09	.08	.050	23	.09
30	.07	.05	.06	.05	.05	.04	.04	.06			.10	.07	.07	.07		.08	.09	.09	.08	.06	.05	.06	.05	.06	.064	21	.11
31*	.05	.05	.06	.05	.05	.04	.05	.06	.06	.06	.04	.02	.03			.02	.02	.02	.03	.02	.02	.02	.03	.04	.038	22	.07
MEAN	.04	.04	.04	.03	.03	.03	.04	.05	.05	.04	.04	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.040		
NO.	29	29	29	29	29	29	29	29	28	26	26	27	29	28	1	24	26	27	29	29	28	29	29	29		647	
MAX	.08	.08	.08	.07	.08	.08	.08	.10	.12	.08	.10	.14	.14	.08	.04	.08	.11	.09	.09	.07	.07	.09	.09	.10	.064		.15

* Indicates Saturday or Sunday

Local standard time used

Table 3-116. AUGUST, 1965, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.02		.03	.03	.03	.03	.04	.04	.04	.04	.03	.030	23	.04
2	.02	.02	.01	.01	.02	.03	.05	.04	.06	.06	.05	.05	.05	.05		.05	.05	.04	.03	.03	.03	.04	.03	.04	.037	23	.06
3	.03	.03	.03	.02	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03		.04	.05	.04	.04	.05	.06	.07	.07	.06	.039	23	.07
4	.06	.06	.05	.05	.05	.05	.06	.12	.20	.15	.05	.03	.02	.02		.03	.03	.02	.03	.03	.05	.05	.05	.06	.056	23	.24
5	.04	.03	.04	.04	.04	.03	.05	.07	.08	.08	.08	.07	.07	.07			.05	.03	.04	.04	.03	.03	.03	.03	.047	22	.09
6	.04	.04	.03	.03	.03	.05	.05	.07	.07	.04	.03	.03	.03	.05		.04	.03	.03	.02	.03	.03	.03	.03	.04	.038	23	.08
7*	.04	.05	.05	.04	.04	.03	.05	.06	.06	.07		.04	.03	.04			.02	.02	.02	.03	.04	.04	.04	.03	.041	21	.10
8*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.02	.02	.02	.02	.02	.02	.013	23	.03
9	.04	.01	.01	.01	.01	.01	.02	.02	.03	.04	.02	.03	.04	.03		.03	.04	.03	.04	.03	.02	.02	.02	.02	.024	23	.05
10	.02	.01	.02	.03	.02	.01	.02	.02	.03	.04	.03	.03	.02	.02		.04	.04	.04	.04	.03	.03	.03	.03	.03	.027	23	.05
11	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03		.03	.04	.04	.03	.03	.03	.03	.03	.02	.026	23	.05
12	.02	.02	.02	.02	.02	.02	.02	.03	.07			.06	.06	.05		.03	.04	.03	.02	.03	.04	.05	.05	.05	.035	21	.08
13	.04	.03	.03	.03	.03	.03	.04	.05	.07	.06	.04	.04	.04	.03		.04	.05	.05	.05	.04	.05	.05	.05	.05	.042	23	.07
14*	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.06			.02	.04	.05	.06	.06	.07	.06	.06	.046	22	.08
15*	.05	.05	.08	.07	.07	.06	.06	.09	.08	.11	.08	.06	.05	.04		.04	.03	.04	.03	.03	.03	.04	.04	.04	.054	23	.11
16	.06	.07	.09	.07	.07	.06	.08	.08	.11	.13	.11	.10	.07	.07		.05	.07	.06	.04	.03	.03	.02	.03	.04	.066	23	.13
17	.05	.07	.07	.06	.03	.04	.05	.08	.09	.06	.06	.05	.03	.03		.04	.03	.02	.02	.02	.02	.02	.02	.02	.042	23	.09
18	.02	.02	.03	.02	.02	.03	.04	.05	.06	.04	.06	.06	.02	.02			.09	.06	.04	.05	.06	.05	.03	.02	.039	22	.11
19	.03	.03	.04	.02	.02	.02	.03	.05	.07	.07			.01	.03		.04	.04	.04	.04	.03	.04	.04	.04	.04	.037	21	.08
20	.03	.03	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03		.04	.04	.04	.03	.05	.05	.05	.04	.04	.032	23	.05
21*	.04	.04	.04	.04	.04	.04	.04	.05	.06	.05	.04	.04	.04	.04			.05	.04	.03	.03	.04	.06	.06	.04	.043	22	.08
22*	.04	.05	.06	.03	.01	.01	.02	.02	.02	.03	.03	.03	.03	.04		.04	.04	.05	.05	.05	.04				.034	20	.06
23		.03	.03	.03	.03							.03	.03	.03	.03	.03	.05	.05	.05	.06	.07	.06	.05	.04	.040	17	.07
24	.04	.04	.04	.03	.03	.03	.04	.06	.06	.04	.03	.03	.03	.03		.03	.04	.05	.05	.08	.09	.09	.08	.08	.048	23	.09
25	.06	.06	.06	.05	.05	.05	.05	.07	.13	.13	.10	.07	.06	.04			.08	.08	.07	.04	.05	.05	.04	.03	.064	22	.17
26	.05	.03	.02	.02	.02	.02	.04	.06	.05	.04	.04	.04	.06	.07		.04	.08	.09	.07	.06	.06	.06	.04	.04	.048	23	.11
27	.04	.03	.02	.03	.03	.03	.04	.07	.07	.06			.03	.03		.04	.07	.09	.09	.10	.10	.09	.06	.03	.054	21	.11
28*																											
29*																											
30																											
31	.04	.03	.04	.04	.04	.03	.04	.05	.05	.07	.06	.03	.02	.02			.04	.04	.03	.03	.03	.02	.04	.03	.036	22	.07
MEAN	.04	.04	.04	.03	.03	.03	.04	.05	.06	.06	.05	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.04	.041		
NO.	27	28	28	28	28	27	27	27	27	26	23	26	28	28	1	21	28	28	28	28	28	27	27	27		621	
MAX	.06	.07	.09	.07	.07	.06	.08	.12	.20	.15	.11	.10	.07	.07	.03	.05	.09	.09	.09	.10	.10	.09	.08	.08	.066		.24

* Indicates Saturday or Sunday

Local standard time used

Table 3-117. SEPTEMBER, 1965. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.02	.01	.01	.01	.01	.02	.04	.03	.03	.03	.03	.02	.02	.02			.05	.04	.03	.03	.04	.04	.04	.04	.027	22	.05
2	.04	.04	.04	.04	.03	.03	.03	.04	.04	.05	.05	.04	.04	.04		.03	.05	.05	.06	.06	.06	.06	.07	.07	.045	23	.08
3	.07	.06	.05	.04	.04	.04	.03	.06	.07	.09	.10			.06		.03	.05	.04	.03	.04	.04	.04	.06	.06	.053	21	.11
4*	.06	.05	.05	.05	.05	.05	.05	.06	.06	.07	.06	.05	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.043	22	.07
5*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03		.02	.03	.02	.03	.03	.03	.03	.03	.03	.029	23	.04
6	.03	.04	.03	.03	.03	.03	.03	.04	.03	.03	.05	.04	.05	.06		.03	.05	.06	.07	.08	.08	.06	.06	.04	.045	23	.09
7	.05	.05	.05	.06	.05	.05	.06	.06	.07	.07	.08	.09	.10	.07		.05	.07	.06	.09	.10	.08	.05	.08	.09	.069	23	.11
8	.10	.09	.06	.06	.05	.05	.06	.10	.13	.10	.05	.05	.05	.04		.04	.06	.05	.06	.07	.07	.08	.07	.05	.067	23	.14
9	.03	.03	.02	.02	.03	.04	.04	.05	.06	.05	.05	.04	.04	.05			.03	.01	.01	.01	.01	.01	.02	.02	.030	22	.06
10	.01	.00	.00	.01	.00	.01	.01	.03	.05	.07			.08	.04		.05	.07	.07	.08	.05	.06	.08	.10	.10	.046	21	.12
11*	.06	.05	.05	.05	.03	.04	.04	.04	.03	.02	.02	.02	.02	.02		.03	.03	.03	.02	.02	.02	.02	.02	.02	.030	23	.10
12*	.03	.03	.03	.03	.02	.01	.01	.02	.02	.02	.01	.02	.02	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.021	23	.03
13	.01	.01	.02	.02	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.05	.04	.03	.03	.03	.04	.04	.04	.028	23	.05
14	.03	.03	.02	.02	.02	.02	.02	.02	.04	.07	.05	.04	.05	.03		.05	.08	.08	.07	.04	.05	.06	.03	.03	.041	22	.08
15	.03	.02	.02	.01	.01	.02	.04	.04	.05	.03	.03	.03	.03	.03		.06	.05	.05	.05	.04	.03	.03	.03	.03	.031	22	.06
16	.03	.03	.03	.02	.02	.02	.03	.04	.04	.04	.03	.03	.03	.03		.04	.06	.06	.05	.05	.05	.05	.05	.04	.038	23	.06
17	.03	.03	.03	.03	.03	.02	.03	.03	.03	.03			.04	.04		.03	.05	.05	.04	.04	.04	.04	.03	.02	.034	21	.06
18*	.04	.04	.03	.02	.02	.02	.03	.04	.03	.04	.04	.04	.03	.03			.04	.04	.04	.07	.09	.08	.07	.07	.043	22	.09
19*	.08	.08	.07	.06	.05	.04	.05	.05	.04	.03	.02	.02	.02	.02			.04	.05	.04	.03	.04	.03	.02	.02	.040	22	.08
20	.02	.01	.02	.02	.03	.03	.05	.06	.08	.09	.09	.08	.09	.10			.04	.05	.04	.03	.04	.03	.04	.05	.052	20	.11
21	.06	.05	.03	.03	.02	.03	.03	.04	.04	.05	.06	.06	.04	.04		.04	.05	.05	.03	.04	.03	.03	.03	.03	.040	23	.09
22	.04	.04	.03	.03	.04	.04	.03	.03	.03	.04	.05	.03	.02	.03			.04	.04	.04	.03	.03	.03	.03	.02	.035	20	.07
23	.02	.01	.01	.01	.02	.02	.04	.03	.04	.03	.04	.04	.06	.03		.04	.06	.05	.03	.04	.04	.04	.04	.02	.031	21	.08
24	.02	.02	.03	.04	.03	.04	.04	.06	.08	.11							.06	.06	.04	.03	.04	.04	.04	.04	.044	20	.13
25*	.04	.04	.03	.03	.02	.01	.03	.03	.03	.03	.03						.03	.03	.04	.05	.05	.05	.05	.05	.035	19	.05
26*	.04	.04	.03	.04	.03	.03	.03	.03	.03			.02	.03	.04		.04	.07	.06	.08	.09	.09	.09	.08	.08	.050	21	.10
27	.07	.07	.06	.05	.03	.04	.03	.03	.03	.03	.04	.04	.04	.04			.06	.08	.07	.09	.09	.09	.08	.07	.056	22	.10
28	.06	.06	.05	.05	.05	.05	.05	.06	.08	.09	.09	.07	.06	.06			.05	.06	.05	.05	.05	.06	.06	.06	.059	22	.10
29	.05	.05	.05	.05	.05	.05	.06	.07	.09	.11	.12	.10	.07				.07	.06	.06	.06	.06	.06	.06	.05	.067	21	.15
30	.05	.05	.05	.04	.04	.03	.03	.03	.04	.04	.04	.04	.04	.03		.04	.05	.05	.03	.03	.03	.04	.04	.04	.039	23	.05
MEAN	.04	.04	.03	.03	.03	.03	.04	.04	.05	.05	.05	.04	.04	.04		.04	.05	.05	.05	.05	.05	.05	.05	.04	.042		
NO	30	30	30	30	30	30	30	30	30	29	26	25	27	27		16	28	28	30	30	30	30	30	30		656	
MAX	.10	.09	.07	.06	.05	.05	.06	.10	.13	.11	.12	.10	.10	.10		.05	.07	.08	.09	.09	.09	.10	.10	.10	.069		.15

* Indicates Saturday or Sunday

Local standard time used

Table 3-118. OCTOBER, 1965, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.04	.04	.03	.02	.02	.01	.02	.04	.04	.04	.04			.03		.03	.03	.03	.04	.04	.03	.02	.02	.02	.029	21	.04
2*	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02		.03	.03	.03	.04	.04	.04	.04	.04	.03	.025	23	.04
3*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.03			.03	.02	.02	.02	.01	.02	.01	.01	.023	22	.03
4	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.02	.02	.02	.018	22	.03
5	.02	.01	.01						.01	.02	.03	.02	.02	.02		.02	.03	.03	.03	.04	.04	.04	.04	.04	.026	18	.04
6	.03	.03	.03	.03	.03	.03	.03	.04	.04		.03	.03	.02	.02			.06	.06	.08	.08	.07	.05	.05	.05	.042	21	.09
7	.05	.05	.05	.04	.04	.04	.04	.05	.06	.06	.05	.04	.05	.04		.04	.04	.04	.02	.02	.02	.03	.03	.03	.039	23	.07
8	.02	.02	.03	.03	.03	.03	.03	.03	.04	.04				.06		.03	.05	.05	.04	.04	.04	.04	.04	.04	.036	20	.06
9*	.04	.03	.03	.03	.04	.04	.05	.05	.05	.06	.05	.04	.03	.03		.04	.04	.05	.04	.04	.04	.04	.03	.03	.039	23	.06
10*	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03		.02	.03	.03	.03	.03	.03	.03	.03	.02	.027	23	.03
11	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03		.03	.05	.06	.07	.07	.07	.07			.037	21	.08
12																											
13	.04	.04	.03	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03			.07	.05	.07	.06	.05	.05	.05	.05	.041	22	.09
14	.04	.05	.05	.04	.05	.05	.05	.08	.12	.12	.10	.06	.05	.05		.03	.04	.05	.05	.05	.04	.04	.04	.04	.055	23	.14
15	.04	.02	.03	.04	.04	.04	.04	.04	.03	.04		.04	.05	.05			.03	.04	.03	.04	.04	.04	.04	.04	.037	21	.05
16*	.04	.03	.03	.03	.03	.02	.02				.03	.03	.02	.02		.02	.02	.03	.03	.03	.03	.02	.02	.02	.025	20	.04
17*	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03		.03	.03	.03	.03	.01	.01	.02	.03	.03	.022	23	.06
18	.03	.04	.03	.03	.03	.03	.04	.05	.08	.08	.07	.08	.10	.10	.05		.09	.10	.11	.10	.12	.10	.07	.06	.069	23	.12
19	.05	.04	.04	.04	.04	.04	.04	.05	.06	.07	.07	.05	.04	.03		.04	.05	.04	.05	.05	.06	.06	.06	.05	.048	23	.08
20	.05	.05	.05	.05	.04	.04	.04	.05	.07	.08	.08	.06	.05	.07			.06	.11	.12	.06	.06	.06	.06	.06	.062	22	.14
21	.07	.07	.06	.06	.06	.05	.05	.06	.07	.09	.08	.07	.09	.08			.06	.07	.06	.05	.03	.03	.03	.03	.059	22	.10
22	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.05	.03	.03	.03	.03	.03	.02	.02	.030	22	.06
23*	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.02	.03	.03	.03	.03	.026	23	.04
24*	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.01	.01	.01	.019	23	.03
25	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.03	.03	.03	.04	.04	.04	.04	.03	.03	.025	23	.04
26	.03	.03	.03	.03	.03	.03	.03	.04	.05	.07	.05	.04	.03	.05		.05	.06	.06	.05	.06	.05	.05	.05	.05	.044	23	.07
27	.04	.04	.04	.04	.03	.03	.03	.04	.03	.03	.02	.02	.02	.03			.06	.06	.05	.05	.05	.05	.04	.04	.038	22	.07
28	.05	.04	.04	.03	.03	.03	.03	.04	.03	.02	.03	.02	.02	.03	.01		.01	.01	.01	.01	.01	.01	.00	.01	.022	23	.05
29	.01	.01	.01	.01	.01	.02	.02	.02			.02	.03	.03	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.022	21	.03
30*	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04		.04	.05	.05	.05	.05	.04	.04	.04	.04	.039	23	.05
31*	.04	.05	.05	.06	.05	.06	.05	.05				.06	.04	.04		.03	.04	.05	.05	.05	.04	.02	.02	.02	.043	20	.07
MEAN	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04		.03	.04	.04	.04	.04	.04	.04	.03	.03	.036		
NO	30	30	30	29	29	29	29	28	27	26	27	28	28	30	2	19	30	30	30	30	30	30	29	29		659	
MAX	.07	.07	.06	.06	.06	.06	.05	.08	.12	.12	.10	.08	.10	.10	.05	.05	.09	.11	.12	.10	.12	.10	.07	.06	.069		.14

* Indicates Saturday or Sunday

Local standard time used

Table 3-119. NOVEMBER, 1965. HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.02	.02	.01	.020	23	.03
2	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03		.03	.04	.03	.03	.03	.02	.02	.01	.01	.020	23	.04
3																											
4	.05	.06	.06	.06	.06	.06	.06	.06	.07	.10		.05	.04	.05				.08	.06	.05	.05	.05	.04	.04	.057	20	.11
5	.03	.03	.03	.03	.03	.02	.03	.03	.04	.05	.05	.05	.05	.05		.05	.07	.06	.04	.04	.04	.04	.04	.04	.040	23	.07
6*	.04	.04	.05	.04	.05	.05	.05	.05	.06	.08	.07	.06	.06	.06		.05	.05	.06	.06	.06	.05	.05	.05	.05	.054	23	.10
7*	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.06	.08	.09	.07		.03	.05	.05	.05	.05	.05	.05	.05	.04	.051	23	.10
8	.04	.03	.03	.03	.04	.03	.03	.03	.03	.03	.04	.04	.04	.04		.03	.04	.04	.04	.04	.04	.03	.04	.04	.035	23	.05
9	.03	.03	.03	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02			.02	.03	.03	.03	.02	.02	.02	.02	.02	.023	22	.03
10	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.05	.04	.02	.03					.09	.07	.06	.06	.06	.05	.037	20	.10
11	.05	.05	.05	.05	.04	.04	.04	.05	.06	.06	.06	.06	.06	.06		.03	.04	.03	.03	.03	.03	.03	.03	.03	.043	23	.07
12	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03		.03	.03	.03	.03	.02	.02	.02	.02	.02	.028	23	.04
13*	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03			.04	.03	.03	.03	.03	.04	.04	.03	.028	22	.04
14*	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.03
15	.03	.02	.02	.02	.02	.02	.03	.03	.03	.05	.05	.04	.04	.04		.05	.05	.05	.04	.04	.04	.03	.04	.03	.034	23	.06
16	.03	.03	.03	.03	.02	.02	.02	.03	.04	.04	.05	.05	.04	.04		.03	.04	.04	.04	.04	.04	.04	.04	.03	.035	23	.06
17	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02			.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.018	21	.04
18	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01		.01		.03	.02	.02	.01	.01	.01	.01	.012	21	.04
19	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
20*	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.02		.01	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.04
21*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04			.03	.03	.03	.03	.02	.02	.02	.02	.023	22	.04
22	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	23	.02
23	.01	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.00	.00	.007	23	.02
24	.00	.00	.00	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.02				.05	.03	.02	.01	.01	.01	.01	.011	21	.06
25	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.02	.013	23	.02
26	.02	.02	.02	.02	.02	.02	.02	.01	.02			.03	.05	.05		.03	.03	.03	.02	.02	.02	.02	.02	.02	.024	21	.05
27*	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.01	.02	.02	.02	.02	.01	.01	.01	.01	.014	23	.02
28*	.01	.01	.02	.01	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.01	.01	.01	.017	23	.02
29	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.022	23	.03
30	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.025	23	.03
MEAN	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.02	.026		
NO.	29	29	29	29	29	29	29	29	29	28	26	28	28	28		24	25	28	29	29	29	29	29	29		650	
MAX	.05	.06	.06	.06	.06	.06	.06	.06	.07	.10	.07	.08	.09	.07		.05	.07	.08	.09	.07	.06	.06	.06	.05	.057		.11

* Indicates Saturday or Sunday

Local standard time used

Table 3-120. DECEMBER, 1965, HOURLY AVERAGE NITROGEN DIOXIDE CONCENTRATIONS (ppm)

Colorimetric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.02	.02	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.04
2	.03	.03	.03	.03	.03	.02	.03	.03	.04	.05	.06	.07	.05	.04				.05	.05	.05	.06	.06	.05	.06	.042	21	.07
3	.07	.09	.07	.07	.06	.06	.05	.05	.05	.05	.06	.06	.06	.06		.04	.04	.04	.04	.03	.03	.03	.03	.03	.050	23	.09
4*	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	23	.04
5*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03			.03	.03	.03	.04	.03	.03	.04	.04	.025	22	.04
6	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.02	.02	.02	.02	.02	.02	.027	22	.04
7	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03		.03	.04	.03	.03	.03	.04	.04	.04	.05	.025	23	.06
8	.05	.05	.03	.03	.03	.03	.03	.04	.04	.04	.02	.03	.04	.04		.04	.04	.04	.04	.04	.04	.04	.03	.03	.036	23	.06
9	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03		.03	.03	.03		.04	.04	.04	.06	.06	.05	.05	.06	.05	.039	20	.07
10	.05	.06	.05	.05	.04	.04	.04	.04	.05	.05	.04	.05	.05	.05		.05	.05	.05	.05	.06	.07	.06	.07	.09	.051	23	.10
11*	.07	.04	.04	.03	.04	.04	.05	.04	.04	.03	.04	.04	.05	.05		.04	.04	.04	.05	.05	.06	.06	.05	.05	.045	23	.10
12*	.05	.05	.04	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03		.02	.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.05
13	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.05	.05	.05		.04	.06	.05	.04	.03	.03	.02	.02	.02	.036	23	.06
14	.02	.02	.02	.02	.02	.03	.03	.04	.05	.07	.04	.06	.05	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.029	23	.07
15	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02						.04	.03	.03	.03	.03	.020	19	.04
16	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.06	.04	.03	.03				.02	.02	.02	.03	.03	.02	.02	.030	21	.06
17	.04	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02							.02	.02	.02	.02	.02	.02	.022	18	.04
18*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.03	.03	.03	.03	.03	.03	.02	.03	.023	22	.03
19*	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02									.05	.04	.03	.03	.03	.03	.026	16	.05
20	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03			.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.033	22	.04
21	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.04	.05	.04	.04			.04	.04	.04	.04	.04	.04	.04	.04	.034	22	.05
22	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.04	.04	.04	.04			.05	.05	.05	.05	.05	.05	.06	.05	.044	22	.07
23	.05	.04	.05	.05	.03	.03	.04	.03	.04	.05	.06	.09	.09	.11				.09	.10	.08	.07	.06	.04	.04	.058	21	.11
24	.04	.03	.04	.03	.04	.04	.03	.04	.04	.05	.05	.05	.05	.05			.06	.05	.05	.04	.04	.04	.04	.04	.043	22	.06
25*	.04	.03	.03	.04	.04	.02	.02	.02	.03	.02	.04	.02	.03	.03			.03	.04	.03	.03	.02	.01	.01	.01	.026	22	.05
26*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.018	23	.03
27	.03	.02	.03	.02	.02	.02	.02	.03	.03	.03	.04	.05	.06	.07		.07	.05	.05	.04	.03	.03	.04	.04	.05	.037	23	.07
28	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03		.03	.03	.04	.03	.03	.03	.04	.04	.04	.031	23	.04
29	.04	.04	.04	.04	.04	.03	.03	.04	.05	.05	.06	.04	.04	.04		.04	.04	.04	.05	.05	.05	.05	.04	.04	.042	23	.06
30	.04	.04	.04	.04	.04	.05	.04	.04	.05	.06	.05	.06	.06	.06					.13	.11	.10	.09	.09	.08	.064	20	.13
31	.07	.07	.06	.06	.05	.05	.05	.05	.04	.04					.06	.05	.05	.06	.05	.06	.06	.05	.04	.03	.052	20	.07
MEAN	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	2	.03	.04	.04	.04	.04	.04	.04	.04	.04	.035		
NO	31	31	31	31	31	31	31	31	31	31	28	28	27	28		16	23	27	30	31	31	31	31	31		674	
MAX	.07	.09	.07	.07	.06	.06	.05	.05	.05	.07	.06	.09	.09	.11	.06	.07	.06	.09	.13	.11	.10	.09	.09	.09	.064		.13

* Indicates Saturday or Sunday

Local standard time used

SULFUR DIOXIDE
DATA TABLES
3-121 through 3-165

Continuous Air Monitoring Projects

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Table 3-121. FEBRUARY, 1962. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
3	.12	.11	.13	.13	.14	.14	.17	.28	.35	.47	.42	.34	.28	.26	.28	.27	.27	.26	.25	.24	.25	.33	.22	.18	.245	24	.55
4	.19	.20	.17	.14	.15	.14	.19	.20	.23	.42	.62	.62	.65	.71	.62										.349	15	.85
5*											.30	.52	.23	.15	.17	.29	.21	.28	.31	.28	.23	.05	.05	.06	.223	14	.69
6*	.04	.04	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.03	.03	.04	.04	.04	.04	.04	.04	.02	.04	.03	.05	.034	24	.06
7	.04	.03	.03	.03	.03	.04	.05	.07	.08	.07	.07	.08	.05	.02		.03	.04			.32	.33	.29	.16	.10	.093	21	.40
8	.17	.09	.13	.27	.28	.24	.30	.20	.12	.10	.16	.21	.22	.27	.19	.18	.12	.09	.13	.16	.16	.13	.17	.24	.179	24	.36
9	.25	.10	.17	.16	.34	.33	.31	.28				.09	.11	.13	.12	.09	.12	.16	.13	.10	.08	.13	.15	.13	.166	21	.39
10	.13	.10	.11	.06	.06	.06	.06	.05	.06	.06	.06	.05	.06	.07	.06	.06	.06	.07	.07	.06	.06	.06	.06	.06	.067	24	.15
11	.09	.06	.07	.06	.07	.07	.08	.11	.09	.09	.08	.09	.08	.07	.07	.06	.07	.07	.08	.10	.12	.13	.15	.13	.096	24	.15
12*	.12	.09	.20	.14	.14	.16	.14	.19	.22	.28	.41	.39	.33	.17	.11	.08	.08	.10	.10	.14	.16	.13	.12	.11	.170	24	.52
13*	.11	.11	.18	.22	.20	.22	.19	.14	.18	.16	.13	.26	.58	.30	.26	.32	.32	.26	.16	.18	.10	.14	.22	.28	.216	24	.73
14	.23	.08	.14	.17	.10	.08	.13	.20	.17	.08	.11	.11	.07	.06	.06	.07			.08	.08	.06	.04	.04	.04	.100	22	.30
15	.05	.06	.06	.06	.05	.06	.06	.07	.07	.07	.05	.05	.04	.03	.03	.03	.05	.10	.15	.14	.14	.19	.25	.20	.085	24	.28
16	.21	.14	.16	.25	.26	.19	.22	.19	.12	.20	.15	.12	.12	.19	.08	.09	.08	.09	.12	.11	.18	.15	.12	.08	.151	24	.30
17	.06	.06	.08	.06	.06	.06	.11	.13	.12	.11	.08	.05	.05	.04	.04	.04	.04	.04	.05	.06	.05	.06	.07	.07	.066	24	.15
18	.07	.05	.04	.04	.04	.04	.06	.07	.05	.04			.06	.05	.04	.06	.13	.13	.10	.12	.08	.06	.13	.09	.069	22	.18
19*	.06	.05	.03	.04	.05	.06	.07	.06	.08	.07	.07	.07	.07	.07	.15	.14	.11	.10	.09	.09	.06	.10	.15	.16	.083	24	.19
20*	.11	.09	.09	.11	.11	.10	.09	.07	.05	.06	.06	.06	.05	.05	.05	.05	.04	.04	.06	.07	.08	.08	.08	.09	.071	24	.12
21	.08	.08	.09	.09	.10	.10	.09	.12	.12	.14	.18	.17	.16	.14	.13	.13	.18	.10	.07	.06	.08	.11	.11	.08	.113	24	.24
22	.07	.12	.13	.14	.15	.18	.20	.25	.30	.22	.22	.28	.43	.45	.25	.29	.38	.34	.35	.32	.30	.22	.18	.15	.245	24	.56
23	.12	.14	.14	.13	.13	.12	.08	.09	.09	.12	.12	.13	.10	.06	.04	.04	.07	.09	.08	.12	.18	.22	.18	.27	.119	24	.40
24	.07	.04	.07	.08	.04	.04	.05	.09	.09	.10	.12	.07	.04	.03	.03	.02	.01	.02	.03	.03	.03	.03	.03	.04	.050	24	.13
25	.03	.03	.04	.04	.05	.05	.06	.07	.11	.17	.22	.15	.11	.11	.07	.09	.05	.03	.04	.03	.04	.05	.05	.07	.073	24	.29
26*	.09	.10	.14	.20	.21	.21	.25	.26	.31	.23	.11	.13	.09	.07	.08	.05	.19	.26	.10	.16	.06	.09	.07	.06	.146	24	.52
27*	.08	.07	.12	.19	.16	.14	.12	.21	.22	.36	.32	.28	.27	.31	.32	.21	.20	.19	.11	.12	.09	.09	.10	.09	.180	24	.42
28	.12	.08	.06	.08	.06	.07	.08	.17	.14	.07						.21	.18	.17	.16	.15	.15	.14	.11	.10	.121	19	.29
MEAN	.11	.08	.10	.12	.12	.12	.13	.14	.14	.16	.18	.18	.17	.15	.14	.12	.13	.13	.12	.13	.12	.12	.12	.12	.130		
NO.	25	25	25	25	25	25	25	25	24	24	23	24	25	25	24	25	24	23	24	25	25	25	25	25		590	
MAX	.25	.20	.20	.27	.34	.33	.31	.28	.35	.47	.62	.62	.65	.71	.62	.32	.38	.34	.35	.32	.33	.33	.25	.28	.349		.85

* Indicates Saturday or Sunday

Local standard time used

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Table 3.122 MARCH, 1962. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF DATA	8 HOUR MAX
1	.10	.08	.07	.09	.09	.07	.07	.08	.08	.08	.08	.08	.08	.11					.04	.04	.03	.03	.03	.03	.067	20	.28
2	.03	.02	.02	.03	.03	.04	.05	.04	.05	.07	.07		.06	.05	.05	.05	.05	.07	.08	.09	.09	.07	.08	.07	.053	23	.10
3*																											
4*																											
5	.17	.13	.14	.10	.13	.17	.21	.24	.37	.36	.31	.22	.13	.13	.11	.17	.16	.14	.10	.16	.13	.09	.08	.07	.166	24	.53
6	.06	.06	.06	.06	.06	.06	.07	.07	.07	.08	.08	.11	.11	.12	.12	.11	.10	.08	.09	.09	.08	.08	.08	.07	.081	24	.12
7	.06	.05	.05	.06	.06	.06	.07	.07	.07	.06	.06	.07	.06	.06	.05	.05	.08	.05	.07	.10	.10	.10	.09	.11	.069	24	.35
8	.10	.07	.09	.09	.09	.10	.12	.12	.08	.07	.07	.08	.14	.24	.22	.15	.11	.08	.05	.11	.18	.10	.13	.12	.112	24	.28
9																											
10*																											
11*	.13	.15	.16	.14	.13	.11	.07	.07	.06	.11	.09	.10					.07	.06	.08	.09	.13	.15	.15	.09	.105	20	.23
12	.10	.10	.14	.17	.12	.15	.13	.17	.16	.10			.08	.17	.09	.07		.06	.05	.07	.08	.10	.08	.09	.109	21	.32
13	.13	.14	.13	.11	.08	.09	.13	.13	.10	.07	.08	.08	.08	.08											.101	14	.17
14																											
15																											
16																											
17*																											
18*	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.03	.03	.03	.04	.05	.06	.07	.09	.046	24	.10
19	.09	.09	.09	.08	.09	.09	.13	.11	.11	.05	.05	.04	.04	.04	.09	.10	.10	.17	.17	.19	.12	.07	.07	.07	.091	24	.46
20	.07	.06	.09	.11	.08	.26	.21	.10	.08	.08								.08	.09	.07	.05	.06	.07	.11	.098	17	.61
21	.08	.14	.15	.10	.10	.14	.12	.12	.18	.16	.10	.09	.07	.09	.08	.14	.25	.16	.09	.09	.10	.07	.07	.09	.114	24	.31
22	.10	.08	.07	.07	.07	.07	.07	.08	.07	.07	.07	.09	.06	.06	.06	.05	.05	.05	.06	.08	.10	.08	.08	.09	.072	24	.30
23	.10	.08	.08	.08	.08	.08	.08	.09	.08	.07	.07	.07	.06	.06	.06	.06	.06	.05	.05	.06	.06	.06	.06	.07	.070	24	.10
24*	.07	.08	.07	.08	.08	.09	.09	.08	.08	.08	.08							.06	.06	.07	.08	.08	.08	.09	.076	18	.10
25*																											
26	.03	.04	.04	.05	.06	.08	.09	.08	.08					.03	.03	.03	.02	.02	.02	.03	.05	.08	.05	.04	.048	20	.11
27	.05	.05	.04	.04	.05	.04	.05	.05	.05	.03			.02	.02	.01	.01	.01	.01	.02	.04	.06	.20	.11	.23	.054	22	.41
28	.21	.16	.22	.20	.19	.09	.09	.11	.06	.05		.04	.04	.03	.03	.03	.04	.04	.03	.04	.05	.19	.35	.35	.116	23	.51
29	.35	.42	.50	.43	.49	.44	.28	.31	.42					.20	.12	.14	.26	.07	.04	.04	.05	.05	.10	.15	.241	20	.68
30	.13	.11	.14	.14	.11	.11	.09							.18	.09	.15	.17	.07	.04	.04	.03	.03	.08	.22	.107	18	.40
31*	.37	.07	.21	.23	.32	.25	.09										.02	.03	.04	.03	.02	.03	.02	.03	.117	15	.55
MEAN	.12	.10	.12	.11	.11	.12	.11	.11	.11	.09				.10	.08	.08	.09	.07	.06	.07	.08	.08	.09	.11	.095		
NO.	22	22	22	22	22	22	22	20	20	18	14	13	15	18	16	16	17	20	21	21	21	21	21	21		467	
MAX	.37	.42	.50	.43	.49	.44	.28	.31	.42	.36	.31	.22	.14	.24	.22	.17	.26	.17	.17	.19	.18	.20	.38	.35	.241		.68

* Indicates Saturday or Sunday

Local standard time used

Table 3-123. APRIL, 1962. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*	.02	.03	.06	.03	.14	.03	.08	.04	.27	.18	.25	.17	.04	.04	.06	.04	.04	.02	.03	.04	.04	.04	.04	.04	.073	24	.48
2	.04	.04	.04	.04	.04	.04	.07	.10	.06	.04	.04	.04	.03	.03	.03	.03	.04	.04	.03	.04	.07	.11	.09	.09	.091	24	.13
3	.10	.20	.12	.09	.09	.08	.09	.07	.05		.03	.04	.03	.03	.03	.02	.02	.03	.03	.03	.05	.07	.08	.10	.065	23	.23
4	.37	.27	.29	.30	.27	.35	.44	.48	.18	.09	.09	.10	.07	.15	.10	.23	.11	.06	.12	.12	.32	.17	.22	.15	.209	24	.52
5	.24	.38	.38	.22	.19	.40	.28	.37	.23	.24	.20	.18	.18	.09	.09	.10		.07	.04	.07	.06	.06	.06	.07	.182	23	.49
6	.07	.06	.06	.05	.08	.08	.10	.11	.14	.21								.03	.03	.04	.05	.06	.06	.04	.075	17	.25
7*	.04	.04	.07	.05	.03	.04	.04	.07	.07	.10	.07	.08	.04	.03	.03	.04	.05	.07	.04	.12	.24	.31	.22	.17	.085	24	.34
8*	.18	.15	.09	.06	.04	.07	.09	.06	.08	.25	.12	.05	.03	.04	.04	.04	.03	.05	.08	.06	.07	.09	.08	.09	.080	24	.36
9	.11	.09	.10	.10	.25	.19	.29	.27	.18	.11	.18	.07	.04	.06	.09	.09	.08	.06	.05	.08	.10	.09	.09	.20	.123	24	.42
10	.14	.12	.12	.10	.09	.12	.15	.11	.08	.08	.07	.06	.06	.04	.04	.04	.03	.03	.03	.05	.09	.13	.28	.32	.098	24	.39
11	.34	.36	.35	.18	.13	.07	.05	.08	.07	.09	.12	.32	.30	.26	.17	.29	.19	.15	.14	.16	.14	.14	.11	.13	.181	24	.53
12	.15	.11	.18	.13	.13	.15	.19	.30	.28	.20	.10	.10	.09	.09	.10	.11	.21	.07	.05	.07	.22	.21	.12	.13	.146	24	.49
13	.05	.07	.06	.05	.05	.07	.08	.11	.13	.12							.05	.04	.04	.04	.04	.04	.04	.03	.061	18	.14
14*	.03	.03	.03	.03	.04	.04	.04	.05	.04	.02	.03	.03	.03	.02				.02	.02	.03	.04	.05	.11	.13	.041	21	.15
15*	.15	.17	.33	.29	.16	.10	.11	.07	.03	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.04	.05	.04	.04	.04	.077	24	.44
16	.05	.03	.04	.03	.02	.02	.02	.03	.04	.03	.05	.04	.03	.03				.02	.02	.02	.03	.04	.04	.05	.032	21	.23
17	.08	.05	.04	.04	.04	.06	.08	.06	.06	.04	.03	.03	.03	.03	.02	.03	.02	.02	.02	.03	.04	.08	.08	.06	.044	24	.20
18	.10	.08	.14	.14	.19	.29	.20	.36	.28	.13	.06	.03	.03	.10	.09	.09	.02	.02	.02	.04	.04	.10	.20	.20	.123	24	.47
19	.27	.25	.09	.11	.13	.20	.26	.12	.05	.03	.03	.03	.03	.03	.02	.02					.02	.02	.02	.02	.086	20	.37
20	.03	.04	.04	.03	.02	.06	.09	.48	.25	.07	.13	.04	.02	.03	.02	.03	.03	.04	.02	.03	.02	.02	.02	.03	.067	24	.60
21*	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.021	24	.09
22*	.02	.05	.05	.03	.04	.12	.07	.07	.19	.20	.27	.08	.02	.07				.01	.15	.39	.27	.17	.12	.07	.116	21	.62
23	.14	.13	.07	.06	.04	.07	.08	.10	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.037	24	.28
24	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01											.012	14	.04
25																											
26	.22	.25	.14	.17	.16	.07	.03	.07	.17	.25	.53	.85	.53	.09	.12	.11	.16	.06	.01	.02	.29	.36	.38	.17	.216	24	1.02
27	.16	.18	.10	.09	.10	.37	.49	.59	.47	.62	.40	.28	.13	.07	.06	.13	.09	.21	.21	.08					.241	20	.89
28*		.03	.11	.19	.24	.13	.20	.31	.20	.18	.26	.17	.04	.04	.05										.153	14	.42
29*																											
30				.05	.04	.04	.08	.06	.04	.06	.09	.07	.07	.09	.07	.10	.07	.06	.06	.05	.03	.05	.06	.05	.060	21	.22
MEAN	.12	.12	.12	.10	.10	.12	.13	.16	.13	.13	.12	.11	.07	.06	.06	.07	.06	.05	.05	.07	.09	.10	.10	.10	.099		
NO.	26	27	27	28	28	28	28	28	28	27	26	26	26	26	22	21	20	25	25	25	25	25	25	25		617	
MAX	.37	.38	.38	.30	.27	.40	.49	.59	.47	.62	.53	.85	.53	.26	.17	.29	.21	.21	.21	.39	.32	.36	.38	.32	.241		1.02

* Indicates Saturday or Sunday

Local standard time used

Table 3-124 MAY 1962 HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

1	.11	.09	.07	.02	.09	.03	.03	.02	.04	.12	.17	.12	.13	.13	.04	.02	.01	.03	.00		.01	.00		.04	.080	22	.28
2	.01	.01	.03	.05	.04	.04	.03	.07	.14	.11	.10	.11	.07	.14	.10	.09	.11	.08	.08	.10	.05	.03	.04	.03	.089	24	.24
3	.03	.03	.03	.05	.10	.07	.10	.16	.15	.20	.26	.35	.31	.22	.18	.11	.13	.14	.39	.03	.03	.39	.22	.10	.196	24	.71
4	.03	.03	.07	.05	.06	.19	.21	.13	.06	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.05	.03	.090	24	.24
5*	.04	.04	.04	.07	.12	.11	.10	.07	.05	.04	.03	.03	.02	.02	.02	.01	.01	.01	.01	.03	.04	.04	.06	.19	.047	24	.19
6*	.09	.05	.06	.07	.08	.14	.17	.99	.47	.37	.20					.04	.02	.02	.02	.02	.02	.02	.02	.02	.125	20	.10
7	.02	.09	.02	.03	.03	.03	.05	.04	.04	.04			.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.022	22	.12
8	.01	.01	.01	.02	.04	.36	.07	.13	.17	.12	.11	.04	.05	.03	.04	.05	.04	.09	.07	.05	.03	.04	.05	.03	.055	24	.29
9	.04	.05	.04	.03	.03	.09	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.05	.04	.03	.03	.030	24	.09
10																											
11																.04	.02		.01	.04	.02	.03	.04	.03	.057	20	.24
12*	.06	.05	.04	.08	.10	.07	.05	.05	.07	.15	.14	.07				.03	.02	.02	.03	.03	.06	.02	.05	.05	.094	17	.10
13*	.06	.05	.06	.06	.09	.12	.09	.10								.22	.18	.10	.24	.14	.21	.17	.17	.15	.143	24	.34
14	.04	.05	.10	.07	.09	.09	.15	.06	.20	.17	.10	.12	.19	.14	.18	.05	.03	.05	.05	.03			.13	.03	.143	22	.62
15	.12	.16	.14	.17	.15	.17	.25	.15	.14	.37	.35	.26	.14	.13	.09												
16	.07	.04	.03	.07	.09	.07	.14	.11		.17	.07	.03	.07	.02	.02	.04	.03	.03	.02	.03	.04	.18	.23	.21	.078	23	.39
17																									.040	14	.27
18		.04	.09	.06	.09	.08	.07	.07	.08	.04	.03	.03	.03	.02	.02												
19*																									.039	17	.21
20*																									.104	22	.40
21	.02	.03	.02	.04	.18	.08	.05	.04	.04	.04	.04	.03	.03	.02	.01	.01	.01		.07	.01	.01	.18	.11	.12	.156	24	.63
22			.00	.01	.03	.06	.12	.25	.32	.19	.10	.07	.07	.10	.12	.09	.12	.18	.01	.01	.01	.01	.01	.01	.148	24	.70
23	.36	.38	.33	.47	.32	.32	.30	.92	.26	.17	.14	.05	.01	.01	.01	.01	.01	.01	.42	.50	.51	.19	.22	.08	.092	22	.28
24	.01	.04	.05	.07	.05	.05	.11	.05	.02	.02	.15	.13	.15	.18	.16	.04	.11	.27	.01	.01	.01	.02	.18	.21			
25	.05	.09	.17	.08	.03	.02	.10	.05	.03	.02	.02	.02	.01			.01	.01	.01									
26*	.30	.30	.17	.06	.03	.03	.10	.10	.06	.04	.02	.02	.02	.02	.01	.01	.01	.01	.01	.03	.05	.02	.02	.02	.060	24	.52
27*	.01	.01	.01	.01	.01	.01	.01	.01							.03	.06	.04	.03	.03	.04	.05	.05	.18	.05	.035	18	.32
28	.04	.04	.15	.37	.22	.20	.37	.20	.19	.23	.21	.15	.11	.10	.08	.03	.03	.03	.03	.02	.04	.03	.04	.04	.123	24	.49
29	.03	.03	.03	.04	.05	.05	.04	.04	.05	.03	.03	.03	.03	.05	.04	.04	.02	.04	.03	.02	.05	.02	.03	.03	.035	24	.37
30	.03	.02	.02	.03	.03	.04	.05	.05	.05	.11	.11	.03	.09	.09	.06	.12	.07	.15	.09	.13	.21	.20	.31	.48	.107	24	.60
31	.40	.39	.34	.40	.47	.20	.29	.48	.49	.32	.23	.13	.15	.11	.11	.16	.12	.02	.05	.11	.06	.08	.12	.20	.225	24	.70
95th	.08	.08	.08	.09	.10	.09	.12	.14	.14	.13	.12	.08	.08	.08	.06	.05	.05	.06	.07	.06	.07	.08	.10	.09	.088	575	
50th	24	25	26	26	26	26	26	26	23	24	23	22	22	21	22	28	25	24	24	23	23	23	23	24	.225		1.10
MAX	.40	.39	.34	.47	.47	.32	.37	.59	.49	.37	.35	.35	.31	.22	.18	.22	.18	.27	.42	.50	.51	.39	.31	.48			

* Indicates Saturday or Sunday

Local standard time used

Table 3-125. JUNE, 1962. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.06	.05	.04	.03	.04	.08	.09	.07	.04	.05	.04	.04	.03	.03	.02	.09	.21	.07	.04	.13	.23	.21	.02	.05	.073	24	.70
2*	.05	.03	.02	.02	.03	.15	.11	.04					.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.030	20	.20
3*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.06	.02	.05	.03	.04	.03	.04	.02	.02	.09	.19	.07	.032	24	.27
4	.03	.19	.23	.11	.06	.09	.06	.03	.07	.07	.04	.02	.02	.02	.01									.00	.065	16	.25
5	.01	.01	.01	.01	.00	.00	.00	.00	.01	.00						.07	.04	.02	.01			.11	.20	.05	.032	17	.31
6	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.04	.02	.02	.02	.009	24	.05
7	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02					.02	.02	.01	.01	.01	.01	.09	.21	.30	.049	20	.37
8	.42	.18	.16	.08	.01	.01	.07	.04	.04	.02	.04	.04	.03	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.056	24	.50
9*	.04	.05	.05	.08	.07	.06	.06	.07						.09	.10	.11	.14	.15	.08	.02	.03	.30	.50	.15	.112	19	.71
10*	.13	.33	.63	.66	.64	.57	.47	.32	.31	.30	.19	.12	.14	.12	.13	.10	.06	.14	.26	.19	.03	.02	.03	.17	.252	24	.74
11	.27	.23	.26	.27	.32	.46	.43	.41	.43	.37	.31	.10	.19	.34	.28	.18									.302	16	.63
12																											
13	.04	.03	.04	.03	.03	.03	.06	.06	.06	.06	.07	.05	.05	.05	.07	.08	.09	.08	.05	.05	.04	.03	.04	.06	.051	24	.19
14	.07	.05	.04	.03	.02	.02	.02	.03	.03	.03	.03	.04	.03	.02	.02	.02	.03	.20	.19	.15	.13	.16	.10	.07	.063	24	.38
15	.12	.17	.14	.09	.10	.16	.20	.19	.16	.10	.07	.04	.06	.22	.03	.05	.20	.24	.06	.03	.03	.09	.22	.21	.124	24	.38
16*																											
17*											.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.00	.00	.013	14	.03
18	.00	.00	.01	.04	.04	.06	.05	.03	.06	.04	.02	.02	.02	.03	.01	.01	.00	.01	.07	.12	.03	.16	.22	.40	.060	24	.57
19	.34	.57	.38	.47	.51	.25	.19	.38	.33	.23	.17	.26	.20	.19	.19	.21	.12	.15	.23	.40	.42	.47	.08	.01	.280	24	.77
20	.01	.01	.01	.04	.02	.02	.02	.03	.14	.45	.22	.07	.09			.09	.06	.06	.06	.06	.03	.03	.04	.04	.072	22	.69
21	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.00		.01	.01	.04	.02	.01	.01	.018	21	.09
22	.01	.01	.01	.03	.02	.05	.11							.01	.02	.02	.01	.01	.02	.02	.01	.01	.01	.03	.022	18	.16
23*	.03	.02	.03	.14	.05	.03	.13	.23	.27	.16	.17	.10	.07	.09	.03	.03	.14	.12	.01	.04	.07	.06	.28	.20	.103	24	.56
24*	.19	.18	.12	.14	.06	.03	.06	.02	.04	.11	.13	.02	.02	.02	.02	.11	.15	.04	.02	.02	.04	.04	.13	.07	.074	24	.24
25	.10	.07	.02	.02	.06	.07	.12	.05	.02	.02	.02	.02	.02	.02			.00	.00	.00	.00	.01	.05	.08	.09	.039	22	.16
26	.12										.04	.04	.04	.15	.18	.21	.05	.01	.02	.07	.09	.06	.08	.18	.089	15	.30
27	.10	.08	.04	.03	.03	.03	.03	.03	.03	.03	.03	.13	.14	.04	.05	.05	.02	.03	.03	.01	.01	.01	.01	.01	.041	24	.21
28	.04	.05	.04	.07	.04	.11	.23	.30			.24	.12	.04	.02	.01	.01	.02	.04	.04	.01			.01	.00	.071	20	.36
29		.16	.15	.08	.08	.14	.10	.20			.13	.26	.09	.03	.02	.03	.03	.03	.10	.06	.15	.06	.08	.07	.097	21	.30
30*	.05	.05	.06	.04	.04	.08	.06	.12	.07	.04	.13	.13	.09	.06	.09	.05	.03	.03	.01	.01	.00	.10	.02	.02	.058	24	.30
MEAN	.09	.10	.10	.10	.09	.10	.10	.11	.10	.10	.09	.07	.06	.07	.06	.06	.06	.06	.05	.06	.06	.09	.10	.09	.082		
NO	26	26	26	26	26	26	26	25	21	21	24	23	24	24	23	26	26	25	26	25	24	25	26	27		597	
MAX	.42	.57	.63	.66	.64	.57	.47	.41	.43	.45	.31	.26	.20	.34	.28	.21	.21	.24	.26	.40	.42	.47	.50	.40	.302		.77

* Indicates Saturday or Sunday

Local standard time used

Table 3-126. JULY, 1962. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1*															.01	.02	.02	.01	.04	.02	.01	.04	.02	.05	.032	19	.31
2	.00	.00	.00	.02	.03	.04	.08	.08	.16																		
3	.04	.03	.05	.05	.07	.14	.07	.15	.27	.13	.03	.03	.04	.10	.11	.10	.15	.12	.10	.17	.10	.10	.09	.07	.096	24	.35
4	.04	.04	.04	.05	.04	.03	.04	.07	.04	.05	.06	.03	.03	.03	.04	.09	.09	.12	.15	.13	.10	.19	.20	.37	.086	24	.45
5	.18	.06	.02	.02	.05	.03	.05	.05	.04	.03	.02	.01	.03	.02	.07	.06	.03	.01					.01	.05	.041	20	.22
6	.06	.04	.03	.05	.05	.05	.11	.13	.11	.09	.08	.08	.15	.14	.14	.17	.16	.23	.17	.17	.04	.12	.21	.19	.114	24	.33
7*	.18	.06	.05	.03	.03	.05	.05	.04	.05	.02				.02	.05	.04	.07	.02	.02	.01	.06	.03	.15	.24	.060	21	.31
8*	.20	.13	.14	.31	.27	.12	.05	.04	.33	.37	.31	.10	.09	.09	.10	.09	.09	.10	.02	.01	.01	.03	.01	.01	.126	24	.56
9	.02	.15	.02	.01	.01	.06	.36	.26	.05	.02	.05	.01	.01	.01	.01	.01	.01	.01	.01	.03	.02	.02	.02	.02	.050	24	.39
10	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.021	24	.11
11	.02	.10	.09	.14	.11	.10	.11	.13	.23	.11	.07	.06	.14	.17		.15	.11	.22	.15	.15	.21	.29	.29	.36	.151	23	.49
12	.45	.45	.39	.28	.17	.23	.25	.62	.56	.60	.29	.46	.36	.27	.16	.07	.05	.03	.10	.09	.11	.09	.11	.22	.267	241	.12
13	.25	.09	.08	.07	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.042	24	.29
14*	.09	.06	.06	.12	.18	.21	.19	.15						.08	.05	.05	.08	.12	.07	.06	.06	.05	.07	.05	.094	19	.24
15*	.03	.08	.04	.04	.02	.03	.03	.03		.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.021	23	.12
16	.04	.03	.02	.02	.04	.08	.10	.09	.09	.08	.11	.06	.08	.05	.11	.08	.06	.02	.06	.06	.02	.04	.04	.03	.058	24	.18
17	.03	.03	.02	.03	.03	.05	.05	.10	.07	.04	.05	.02	.02	.03	.04	.02	.02	.01	.01	.01	.01	.01	.01	.02	.030	24	.13
18	.06	.07	.15	.05	.07	.06	.04	.04	.06	.06	.03	.04	.03	.08	.06	.06	.05	.05	.07	.07	.08	.11	.05	.04	.061	24	.24
19	.04	.04	.05	.04	.05	.05	.04	.03	.06	.06	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.03	.04	.08	.07	.036	24	.13
20	.03	.03	.03	.12	.16	.10	.11	.14	.11	.25		.15	.07	.02	.05	.06	.06	.12	.09	.19	.07	.50	.13	.21	.121	23	.61
21*	.23	.11	.34	.20	.13	.24	.24	.28	.16	.07					.04	.07	.09	.08	.15	.12	.06	.13	.21	.13	.153	20	.41
22*	.05	.06	.05	.06	.11	.11	.06	.03	.03	.02	.02	.03	.03	.02	.01	.03	.05	.02	.10	.14	.09	.06	.06	.05	.053	24	.27
23	.05	.11	.22	.26	.18	.21	.09	.07	.05	.14	.26	.20	.09	.13	.15	.12	.15	.26	.21	.07	.10	.02	.11	.05	.137	24	.43
24	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.04	.03	.03	.06		.07	.13	.09	.035	23	.19
25	.08	.07	.09	.12	.25	.20	.11	.10	.06					.02	.01	.01	.01	.01	.01	.01	.02	.03	.06	.09	.067	20	.30
26																											
27																											
28*	.04	.04	.04	.04	.09	.05	.05	.05	.06	.05	.04	.06	.07	.07	.08	.12	.09	.14	.20	.10	.04	.05	.10	.20	.077	24	.43
29*	.20	.22	.37	.37	.15	.09	.17	.15	.25	.17	.07	.04	.03	.06	.04	.03	.03	.05	.04	.04	.04	.06	.10	.05	.117	24	.42
30	.04	.04	.04	.05	.07	.09	.13	.16	.13	.11							.03	.02	.02	.04	.01	.01	.04	.15	.065	18	.26
31	.09	.11	.16	.20	.16	.13	.23	.17	.21	.31	.24	.09	.06	.06	.09	.08	.11	.06	.01	.01	.01	.02	.10	.17	.119	24	.37
MEAN	.09	.08	.09	.10	.09	.09	.10	.12	.12	.11	.09	.07	.06	.06	.06	.06	.06	.07	.07	.07	.05	.08	.09	.11	.084		
NO.	28	28	28	28	28	28	28	28	26	25	21	22	22	25	26	27	28	28	27	27	26	27	28	28		637	
MAX	.45	.45	.39	.37	.27	.24	.36	.62	.56	.60	.31	.46	.36	.27	.16	.17	.16	.26	.21	.19	.21	.50	.29	.37	.267		1.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-127. AUGUST, 1962, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1	.36	.43	.09	.03	.03	.02	.02	.05	.04	.03	.02			.01	.01	.01	.01	.01	.01	.01	.01	.07	.01	.02	.060	22	.82
2																											
3																											
4*											.01	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00		.003	13	.01
5*																											
6																											
7																											
8	.02	.07	.05	.10	.21	.15	.22	.13	.06	.03	.02	.01	.01	.01	.01										.073	15	.26
9																											
10																											
11*												.02	.02	.01	.01	.01	.01	.02	.01	.02	.02	.03	.03	.03	.019	13	.04
12*	.04	.05	.16	.16	.14	.26	.35	.11	.05			.05	.09	.09	.12	.11	.08	.06	.04	.03	.04	.05	.06	.09	.100	22	.48
13	.11	.08	.09	.09	.09	.11	.11	.12	.08	.05	.05	.04	.03	.02	.02	.02	.03	.04	.02	.05	.03	.04	.03	.04	.057	24	.23
14	.04	.02	.04	.14	.47	.18	.06	.04	.04			.00	.01	.01	.01	.00	.00	.00	.01	.01	.01	.02	.06	.06	.055	22	.58
15																											
16	.23	.26	.07	.06	.02	.02	.04	.06	.02	.05	.06	.02	.04	.10	.10	.11	.11	.05	.01	.02	.02	.01	.07	.08	.067	24	.32
17	.05	.12	.12	.09	.05	.04	.09	.12	.09	.10	.17	.18	.10	.06	.03	.04	.02	.02	.02	.03	.05	.02	.04	.04	.069	24	.26
18*	.06	.03	.01	.01	.01	.04	.07				.02	.02	.02	.02	.02	.02	.02	.01	.02	.08	.08	.13	.32	.40	.067	21	.67
19*	.30	.10	.10	.11	.06	.11	.11	.18	.23	.24	.20	.27	.21	.11	.08	.15	.13	.04	.01	.02	.01	.01	.01	.06	.118	24	.61
20	.10	.18	.22	.05	.01	.07	.38	.41	.27	.20	.17	.29	.32	.27	.12	.04	.08	.22	.44	.40	.10	.07	.07	.06	.188	24	.66
21	.06	.11	.11	.05	.02	.07	.09	.10	.14			.19	.13	.03	.02	.02	.02	.02	.02	.03	.02	.02	.05	.15	.066	22	.38
22	.06	.03	.08	.04	.02	.03	.05	.02	.03	.02	.02	.02	.01	.02	.01	.01	.01	.00	.01	.02	.12	.14	.15	.09	.042	24	.23
23	.11	.08	.09	.05	.04	.06	.07	.08	.09	.14	.08	.03	.06	.07											.075	14	.27
24																											
25*	.15	.13	.20	.12	.09	.06	.05	.06				.04	.04	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.048	21	.31
26*	.05	.01	.01	.03	.02	.06	.09							.01	.00	.00	.00	.00	.00	.01	.01	.01	.00	.01	.019	18	.14
27	.05	.04	.09	.04	.02	.10	.10	.08	.12	.06	.02	.03	.02	.01	.01	.01	.01	.00	.00	.01	.01	.01	.02	.01	.035	24	.26
28	.01	.05	.04	.00	.03	.10	.04	.04	.02	.02			.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.024	22	.14
29	.01	.01	.01	.01	.02	.01	.02	.02				.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	21	.03
30	.04	.05	.04	.07	.11	.06	.04	.04							.03	.02	.02	.02	.02	.03	.06	.05	.13	.32	.064	18	.43
31	.09	.19	.23	.11	.10	.10	.13	.15									.17	.09	.04	.09	.05	.03	.04	.02	.100	16	.31
MEAN	.10	.10	.09	.07	.08	.08	.11	.10				.07	.06	.04	.03	.03	.04	.03	.04	.04	.03	.04	.06	.08	.064		
NO.	20	20	20	20	20	20	20	18	14	11	12	17	18	20	20	19	20	20	20	20	20	20	20	19		448	
MAX	.36	.43	.23	.16	.47	.26	.38	.41	.27	.24	.20	.29	.32	.27	.12	.15	.17	.22	.44	.40	.12	.14	.32	.40	.188		.82

* Indicates Saturday or Sunday

Local standard time used

Table 3-128. SEPTEMBER, 1962, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1*	.02	.02	.02	.02	.06	.05	.02	.04	.15			.21	.11	.16	.18	.15	.15	.13	.05	.05	.10	.09	.11	.14	.092	22	.35
2*	.08	.09	.09	.07	.09	.05	.04	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.04	.04	.043	24	.14
3																											
4											.14	.11	.05	.05	.06	.06	.06	.05	.05	.06	.06	.03	.05	.04	.061	14	.17
5																											
6	.03	.03	.04	.05	.07	.05	.04	.04	.04	.04	.07	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.03	.03	.02	.032	24	.13
7	.02	.02	.02	.02	.04	.04	.05	.05	.04	.04	.03	.12	.16	.15	.16	.18	.21	.16	.09	.04	.03	.05	.06	.06	.076	24	.31
8*	.05	.08	.07	.11	.14	.17	.20	.20	.27	.22			.03	.02	.02	.02	.02	.02	.01	.02	.03	.02	.03	.05	.082	22	.37
9*	.03	.03	.02	.06	.05	.04	.04	.06	.04					.07	.06	.03	.02	.02	.03	.03	.03	.02	.02	.01	.035	20	.10
10	.06	.18	.36	.22	.36	.19	.56	.51	.17	.23	.09	.18	.13	.20	.21	.17	.05	.02	.01	.01	.01	.01	.04	.37	.180	24	.70
11	.27	.35	.32	.62	.47	.10	.06	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.03	.03	.06	.12	.112	24	.71
12	.04	.03	.16	.06	.06	.03	.07	.10							.02	.02	.02	.02	.01	.03	.03	.04	.05	.04	.046	18	.56
13	.09	.09	.08	.21	.17	.22	.21	.24	.30				.23	.09	.10	.10	.12	.08	.04	.07	.07	.06	.21	.23	.143	21	.59
14	.54	.36	.39	.24	.48	.60	.34	.27	.22	.15	.28	.12	.04	.03	.03			.04	.03	.03	.04	.05	.04	.07	.198	22	.79
15*	.03	.02	.03	.02	.03	.03	.07	.06				.03	.02	.02	.02	.03	.02	.02	.02	.03	.03	.05	.04	.04	.030	21	.10
16*	.04	.03	.03	.03	.03	.03	.03	.04				.09	.07	.15	.18	.25	.22	.20	.12	.11	.11	.17	.10	.05	.098	21	.31
17	.12	.11	.06	.06	.05	.05	.11	.07	.03	.07	.07	.17	.13	.05	.03	.06	.06	.08	.08	.08	.06	.04	.03	.04	.071	24	.20
18	.04	.03	.03	.04	.05	.07	.06	.06	.07					.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.030	20	.10
19	.03	.11	.08	.06	.06	.04	.03	.03		.04	.02	.07	.02	.04	.02	.02	.02	.03	.02	.02	.02	.03	.05	.04	.039	23	.22
20	.02	.02	.03	.03	.03	.04	.05	.05	.03	.03				.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.03	.027	21	.07
21	.04	.08	.05	.07	.04	.07	.06	.07		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.09	.10	.12	.050	23	.15
22*	.23	.34	.32	.24	.18	.16	.17	.16			.03	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.06	.101	21	.38
23*	.06	.04	.04	.03	.04	.06	.07	.05	.04	.03	.02	.03	.02	.03	.03	.02	.02	.07	.03	.04	.04	.05	.05	.04	.040	24	.13
24	.03	.03	.04	.04	.04	.04	.09	.12	.08	.03	.03	.03	.02	.03	.03	.02	.02	.02	.04	.05	.05	.06	.06	.23	.052	24	.42
25	.53	.62	.46	.38	.42	.37	.54					.02	.02	.02	.02	.02	.02	.03	.02	.01	.01	.02	.10	.41	.202	20	.76
26	.35	.16	.17	.08	.03	.11	.07	.06	.05	.05	.04	.03	.04	.04	.10	.14	.12	.07	.04	.05	.04	.05	.03	.05	.081	24	.46
27	.05	.04	.04	.04	.05	.05	.10	.09	.09	.07			.04	.03	.03	.03	.03	.03	.03	.08	.17	.06	.04	.13	.059	22	.23
28	.03	.02	.02	.03	.08	.05	.21	.06	.12		.12	.14	.12	.06	.03	.02	.02	.03	.03	.05	.04	.04	.12	.19	.069	23	.45
29*	.12	.04	.08	.06	.04	.06	.07	.06	.04			.07	.02	.02	.02	.03	.03	.03	.04	.04	.04	.07	.05	.06	.050	22	.25
30*	.15	.05	.05	.06	.06	.07	.09	.08	.07	.11	.22	.10	.04	.04	.03	.06	.03	.03	.11	.04	.21	.21	.22	.21	.097	24	.33
MEAN	.11	.11	.11	.11	.12	.10	.13	.10	.09	.07	.08	.08	.06	.05	.06	.06	.05	.05	.04	.04	.05	.05	.06	.10	.079		
NO	27	27	27	27	27	27	27	26	20	16	16	21	23	27	28	27	27	28	28	28	28	28	28	28		616	
MAX	.54	.62	.46	.62	.48	.60	.56	.51	.30	.23	.28	.21	.23	.20	.21	.25	.22	.20	.12	.11	.21	.21	.22	.41	.202		.79

* Indicates Saturday or Sunday

Local standard time used

Table 3-129. OCTOBER, 1962, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS.	5-MIN MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.12	.09	.09	.10	.13	.14	.26	.32	.25	.27	.31	.18	.20	.19	.10	.05	.04	.04	.11	.11	.14	.24	.26	.20	.163	24	.40
2	.14	.10	.13	.20	.17	.21	.27	.38		.49	.69	.54	.25	.24	.21	.16	.09	.07	.06	.14	.11	.13	.14	.14	.219	23	.94
3	.15	.15	.11	.17	.28	.30	.41	.87	1.03	.80	.45	.11	.06	.06	.07	.07	.04	.05	.04	.06	.07	.13	.11	.07	.235	24	1.25
4	.05	.05	.09	.15	.13	.22	.23	.09	.05	.05	.04	.04	.03	.04	.04	.03	.05	.07	.10	.07	.03	.05	.17	.13	.083	24	.43
5																											
6*		.06	.04	.03	.04	.05	.04	.04	.03				.03	.03	.03	.03	.03	.03	.04	.05	.05	.04	.06	.05	.040	20	.08
7*	.03	.03	.03	.02	.02	.03	.03	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.04	.03	.04	.04	.05	.04	.028	24	.05
8	.05	.06	.06	.07	.08	.09	.16	.09	.07	.08	.08	.07	.10	.08	.07	.17	.30	.30	.26	.26	.21	.19	.16	.17	.133	24	.40
9	.18	.14	.12	.13	.09	.12	.11	.11	.16	.30	.21	.13	.31	.28	.22	.15	.07	.07	.07	.10	.08	.07	.06	.04	.137	24	.43
10	.04	.04	.06	.05	.10	.06	.08	.08		.04	.03	.02	.01	.01	.01	.02	.01	.01	.01	.02	.02	.02	.02	.01	.034	23	.19
11	.02	.04	.06	.06	.07	.10	.21	.43	.62	.51	.51	.30			.35	.29	.65	.12	.46	.41	.26	.14	.19	.15	.270	22	.85
12	.10	.04	.03	.08	.26	.27	.17	.19	.14	.22	.22	.10	.17	.35	.03	.01	.01	.13	.09						.137	19	.47
13*											.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.017	14	.03
14*	.07	.04	.04	.03	.03	.03	.04	.03	.09	.10	.07	.09	.03	.08	.05	.05	.03	.08	.11	.07	.03	.02	.02	.02	.051	24	.25
15	.10	.15	.08	.07	.16	.22	.26	.27	.34	.10	.05	.03	.02	.03	.03	.02	.02	.02	.04	.03	.01	.02	.04	.05	.090	24	.59
16	.03	.04	.04	.05	.07	.07	.07	.06	.04		.02	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.03	.06	.02	.031	23	.13
17	.03	.03	.02	.05	.14	.09	.03	.01	.02	.01	.01	.01	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.02	.02	.026	24	.30
18	.01	.02	.02	.02	.02	.02	.03	.04	.04	.02	.02	.02	.02		.01	.01	.01	.01	.01	.02	.02	.02	.02	.10	.023	23	.13
19	.06	.03	.03	.08	.04	.04	.05	.08	.10	.25	.11	.03	.03	.03	.02	.02	.03	.02	.01	.01	.02	.02	.02	.02	.046	24	.40
20*	.02	.02	.02	.02	.02	.02	.03	.03	.03		.02	.04	.03	.02	.01	.01	.01	.02	.02	.03	.03	.02	.02	.09	.024	23	.21
21*	.13	.15	.11	.09	.02	.09	.12	.12	.28	.10	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.056	24	.36
22	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.01	.02	.03	.05	.04	.04	.08	.06	.025	23	.10
23	.02	.01	.03	.02	.02	.02	.02	.05	.06	.02	.03	.05	.03	.01	.01	.02	.01	.02	.02	.02	.02	.01	.01	.01	.022	24	.08
24	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.01	.02	.016	24	.03
25	.02	.02	.02	.02	.02	.03	.03	.04					.06	.03	.02	.01	.02	.02	.02	.02	.02	.03	.03	.03	.025	20	.07
26	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.020	24	.03
27*	.02	.03	.02	.02	.02	.03	.03				.03	.03	.03	.03	.03	.03	.05	.04	.08	.22	.30	.10	.29	.32	.082	21	.57
28*	.20	.41	.21	.06	.07	.11	.09	.20	.17			.03	.05	.05	.03	.07	.06	.03	.03	.03	.05	.08	.15	.09	.102	22	.47
29	.08	.05	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.031	24	.18
30	.04	.06	.08	.07	.04	.05	.05	.09	.19	.06	.04	.04	.04			.03	.04	.04	.04	.04	.03	.03	.03	.03	.053	22	.27
31	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.04	.04	.033	24	.08
MEAN	.06	.07	.06	.06	.07	.09	.10	.13	.15	.16	.12	.07	.06	.06	.05	.05	.06	.05	.06	.07	.06	.06	.07	.07	.075		
NO.	28	29	29	29	29	29	29	28	25	23	26	28	29	27	29	30	30	30	30	29	29	29	29	29		682	
MAX	.20	.41	.21	.20	.28	.30	.41	.87	1.03	.80	.69	.54	.31	.35	.35	.29	.65	.30	.46	.41	.30	.24	.29	.32	.270		1.25

* Indicates Saturday or Sunday

Local standard time used

Table 3-130. NOVEMBER, 1962, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.04	.04	.03	.03	.04	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.032	24	.05
2	.04	.04	.03	.04	.04	.04	.05	.06	.05		.03	.03	.03	.04	.04	.04	.03	.03	.04	.03	.04	.04	.04	.04	.038	23	.07
3*	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03			.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	22	.04
4*	.03	.03	.03	.03	.03	.04	.04	.04	.03			.03	.03	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.030	22	.04
5	.03	.03	.03	.03	.04	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.031	23	.04
6	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	24	.04
7	.04	.04	.04	.04	.04	.04	.05	.07	.09	.05	.05	.16	.11	.06	.05	.05	.05	.08	.16	.06	.10	.27	.28	.06	.083	24	.37
8	.10	.15	.28	.35	.14	.15	.16	.23	.08	.08	.06	.12	.26	.14	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.108	24	.50
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16																											
17*		.03	.03	.03	.03	.04	.03	.03	.04			.03	.03	.07	.13	.11	.08	.11	.16	.10	.10	.09	.05	.07	.066	21	.19
18*	.07	.05	.05	.04	.04	.04	.03	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.034	23	.08
19	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03											.031	14	.05
20								.26	.34	.28	.21	.23	.36	.26	.10	.04	.04	.05	.05	.05	.06	.06	.06	.08	.147	17	.52
21	.08	.11	.10	.08	.08	.07	.09	.12	.10								.02	.02	.02	.06	.09	.06	.06	.06	.070	17	.14
22	.12	.07	.05	.05	.07	.14	.10	.07	.05	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.037	24	.20
23	.02	.02	.03	.02	.03	.04	.05	.05	.05	.03	.03	.04	.03	.02	.02	.03	.04	.05	.06	.09	.17	.50	.46	.20	.086	24	.69
24*	.06	.21	.08	.07	.21	.23	.34	.18	.14			.04	.04	.04	.03	.03	.04	.04	.05	.05	.05	.06	.07	.07	.096	22	.46
25*	.10	.14	.15	.12	.12	.12	.11	.17	.19	.16	.08	.25	.13	.09	.06	.05	.06	.07	.10	.12	.13	.14	.12	.14	.121	24	.33
26	.13	.08	.07	.08	.10	.10	.10	.10	.12	.09	.08	.08	.12	.14	.13	.16	.12	.16	.21	.12	.14	.12	.12	.19	.119	24	.31
27	.19	.16	.13	.11	.11	.10	.12	.16	.16	.22	.23			.04	.05	.03	.04	.07	.08	.08	.14	.12	.19	.30	.128	22	.31
28	.31	.23	.20	.19	.17	.18	.20	.21	.20	.17	.16	.16	.10	.07	.06	.06	.16	.22	.14	.14	.15	.15	.19	.28	.170	24	.32
29	.34	.29	.18	.23	.21	.24	.22	.25	.25	.23	.25	.24	.22	.18			.15	.13	.29	.36	.23	.22	.26	.27	.238	22	.52
30	.30	.33	.37	.36	.34	.33	.37	.42	.45	.40	.30	.19	.15	.12	.14	.09	.10	.19	.20	.16	.19	.22	.24	.28	.259	24	.50
MEAN	.10	.10	.09	.09	.09	.10	.10	.12	.11	.11	.10	.09	.09	.07	.05	.05	.05	.07	.08	.08	.09	.11	.11	.11	.091		
NO.	20	21	21	21	21	21	21	22	22	17	16	19	20	21	19	18	21	21	21	21	21	21	21	21		488	
MAX	.34	.33	.37	.36	.34	.33	.37	.42	.45	.40	.30	.25	.36	.26	.14	.16	.16	.22	.29	.36	.23	.50	.46	.30	.259		.69

* Indicates Saturday or Sunday

Local standard time used

Table 3-131. DECEMBER, 1962, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.33	.36	.30	.31	.29	.29	.34	.33	.30	.35	.32	.18	.22	.09	.13	.16	.20	.26	.20	.16	.15	.18	.22	.23	.245	24	.38
2*	.25	.23	.19	.14	.11	.12	.13	.13	.10	.09	.10	.12	.11	.06	.04	.04	.07	.05	.12	.21	.17	.17	.11	.09	.123	24	.28
3	.10	.09	.10	.12	.17	.22	.24	.26	.26	.24	.16	.22	.39	.44	.35	.35	.27	.24	.32	.30	.44	.25	.27	.25	.252	24	.60
4	.24	.23	.24	.26	.26	.35	.29	.33			.25	.19	.11	.09	.09	.08	.05	.18	.14	.11	.13	.18	.09	.06	.179	22	.41
5	.03	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.01	.00	.00	.01								.011	17	.04
6																											
7	.31	.33	.35	.29	.23	.19	.12	.29	.38	.27	.05	.04	.09	.06	.08	.08	.07	.04	.02	.02	.02	.02	.03	.02	.141	24	.51
8*	.02	.02	.03	.02	.02	.03	.04	.04	.05			.03	.03	.01	.00	.00	.00	.00	.01	.00	.00	.07	.02	.01	.021	22	.14
9*	.01	.03	.05	.03	.02	.01	.01	.01	.02	.06	.09	.04	.04	.06	.06	.03	.02	.02	.03	.02	.01	.00	.00	.00	.028	24	.20
10	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00			.00	.01	.01	.01	.01	.01	.01	.01	.00	.005	22	.01
11	.00	.00	.00	.01	.02	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.04	.04	.02	.009	24	.06
12	.03	.03	.02	.00	.00	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.05
13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.06	.16	.019	23	.23
14	.31	.15	.01	.01	.01	.01	.01	.01	.01	.01	.01			.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.043	22	.46
15*	.04	.03	.04	.04	.04	.04	.04	.04	.04			.06	.04	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.038	22	.06
16*	.04	.04	.04	.05	.05	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.04	.03	.03	.03	.034	24	.05
17	.03	.03	.03	.04	.04	.03	.04	.05	.05	.10	.11	.09	.07	.06	.04	.03	.03	.03	.03	.03	.03	.04	.03	.03	.045	24	.22
18	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	24	.04
19	.03	.04	.06	.13	.13	.07	.13	.13	.06	.10	.09	.04	.06	.06	.08	.05	.08	.05	.03	.04	.03	.03	.04	.03	.066	24	.27
20	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03		.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.030	23	.06
21	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04			.11	.11	.11	.12	.07	.07	.08	.06	.06	.08	.08	.12	.062	22	.13
22*	.12	.08	.06	.06	.08	.07	.04	.05	.12		.22	.18	.10	.04	.03	.03	.04	.05	.04	.04	.04	.03	.04	.05	.069	23	.32
23*	.04	.04	.05	.07	.07	.14	.34	.28	.23					.41	.42	.35	.21	.19	.14	.14	.03	.01	.01	.01	.159	20	.59
24	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.01	.00	.01	.01	.02	.01	.01	.01	.007	24	.05
25	.01	.01	.14	.13	.13	.17	.10	.11	.13	.17	.26	.21	.16	.14	.12	.09	.09	.08	.08	.07	.11	.14	.15	.16	.122	24	.31
26	.15	.12	.10	.09	.06	.04	.05	.09	.07	.06	.06	.02	.01	.00	.00	.00	.00	.01	.02	.02	.03	.04	.07	.05	.048	24	.17
27	.04	.01	.02	.01	.01	.01	.04	.04	.07	.06			.22	.29	.27	.19	.16	.16	.14	.06	.06	.13	.10	.02	.096	22	.38
28	.03	.05		.02	.01	.01	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.01	.011	23	.06
29*	.02	.05	.07	.05	.05	.10	.09	.17	.13			.14	.07	.06	.10	.07	.11	.13	.12	.07	.01	.00	.00	.00	.073	22	.32
30*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
MEAN	.08	.07	.07	.07	.06	.07	.07	.08	.08	.07	.08	.06	.07	.07	.07	.06	.06	.06	.06	.05	.05	.06	.06	.05	.066		
NO	30	30	29	30	30	30	30	30	29	24	22	26	27	29	29	30	30	29	29	29	29	29	29	29		688	
MAX	.33	.36	.35	.31	.29	.35	.34	.33	.38	.35	.32	.22	.39	.44	.42	.35	.27	.26	.32	.30	.44	.25	.27	.25	.252		.60

* Indicates Saturday or Sunday

Local standard time used

Table 3-132. JANUARY, 1963. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.04
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
3	.00	.00	.00	.00	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.04
4	.06	.03	.03	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.008	21	.12
5*	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.003	24	.03
6*	.03	.07	.13	.09	.14	.07	.10	.06	.03	.01	.02	.01	.01	.03	.05	.05	.15	.02	.05	.02	.01	.03	.05	.05	.053	24	.31
7	.04	.01	.01	.02	.04	.03	.02	.13	.25	.33	.50	.28	.25	.49	.28	.11	.04	.01	.02	.05	.01	.03	.12	.11	.131	24	.70
8	.05	.02	.06	.14	.15	.14	.10	.17	.13	.17	.13	.08	.06		.01	.01	.03	.04	.08	.08	.07	.02	.02	.02	.077	23	.20
9	.02	.02	.02	.01	.00	.04	.06	.09	.15	.18	.03	.11	.43	.24	.20	.28	.12	.17	.09	.10	.27	.36	.35	.44	.155	24	.70
10	.43	.34	.16	.24	.17	.09	.14	.40	.43	.63					.11	.11	.13	.08	.10	.10	.24	.24	.21	.38	.235	20	.99
11	.60	.40	.18	.11	.11	.10	.07	.17	.23	.20	.06	.03	.02	.02	.21	.05	.11	.03	.01	.00	.00	.01	.02	.02	.114	24	.78
12*	.08	.12	.20	.08	.19	.24	.13	.12	.07	.05	.02	.02	.01	.00	.00	.00	.01	.01	.07	.13	.03	.02	.01	.01	.068	24	.32
13*	.01	.01	.00	.02	.01	.01	.01	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.004	22	.04
14	.00	.00	.01	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.04	.004	24	.06
15	.05	.09	.09	.04	.17	.12	.14	.04	.03	.11	.06	.01	.03	.06	.03	.05	.03	.02	.02	.03	.02	.03	.08	.01	.056	24	.31
16	.00	.00	.00	.00	.01	.01	.01	.01	.15	.12	.13	.19	.29	.22	.06	.07	.10	.04	.09	.01	.00	.00	.13	.08	.072	24	.35
17	.05	.16	.15	.40	.38	.33	.10	.17	.15	.29	.17	.22	.44	.41			.00	.01	.02	.03	.01	.05	.04	.06	.164	22	.57
18	.12	.12	.05	.01	.05	.17	.31	.52	.51	.37	.45	.44	.34	.31	.29	.33	.29	.21	.12	.07	.05	.03	.02	.02	.216	24	.64
19*	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.13	.17	.01	.01	.01									.022	16	.42
20*										.30	.05	.11	.04	.07	.01	.07	.08	.07	.05	.05	.03	.00	.00	.00	.060	15	.35
21	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.02	.03	.03	.03	.03	.03	.03	.009	22	.03
22	.03	.03	.02	.02	.02	.02	.04	.03	.03	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.024	24	.05
23	.01	.01	.02	.03	.01	.02	.02	.02	.02	.01	.03	.02	.04	.04	.01	.01	.01	.02	.04	.10	.03	.01	.01	.02	.023	24	.20
24	.02	.01	.02	.02	.02	.02	.03	.02	.02	.02	.01	.02	.01	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.019	24	.04
25	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.04	.05	.03	.019	24	.06
26*	.04	.05	.06	.03	.03	.02	.02	.02	.02	.03	.02	.01	.01	.00	.00	.00		.00	.01	.01	.01	.02	.02	.02	.020	23	.10
27*	.02	.03	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.01	.02	.02	.02	.02	.03	.02	.02	.018	24	.04
28	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.019	24	.04
29	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02				.04	.03	.03	.02	.03	.03	.03	.02	.02	.02	.04	.024	21	.09
30	.03	.08	.05	.04	.10	.07	.04	.08		.03	.03	.02	.02	.03	.03	.02	.03	.03	.03	.03	.04	.04	.03	.03	.039	23	.15
31	.03	.03	.02	.02	.03	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.021	24	.04
MEAN	.06	.06	.04	.05	.06	.05	.05	.07	.08	.10	.06	.06	.08	.07	.05	.05	.05	.03	.03	.03	.03	.04	.04	.05	.054	708	
NO	30	30	30	30	30	30	30	30	29	31	29	29	29	29	29	28	27	30	29	29	30	30	30	30			
MAX	.60	.40	.20	.40	.38	.33	.31	.52	.51	.63	.50	.44	.44	.49	.29	.33	.29	.21	.12	.13	.27	.36	.35	.44	.235		.99

* Indicates Saturday or Sunday

Local standard time used

Table 3-133. FEBRUARY, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.03	.03	.03	.03	.04	.06	.06	.06	.07	.10	.15	.18	.13	.15	.06	.05	.02	.05	.03	.03	.03	.03	.03	.03	.062	24	.26
2*																											
3*																											
4																											
5	.02	.01	.04	.03	.04	.04	.07	.09	.14	.03	.01	.01	.02	.01	.01	.03	.04	.03	.04	.04	.08	.07	.04	.05	.040	24	.29
6	.09	.08	.06	.04	.04	.04	.06	.09	.26	.31	.72	.55	.26					.00	.02	.03	.03	.03	.04	.04	.139	20	.98
7	.03	.05	.04	.04	.04	.04	.06	.05	.09	.04	.02	.01	.01	.01			.00	.00	.00	.01	.01	.01	.01	.01	.025	22	.11
8	.01	.01	.02	.01	.02	.01	.03		.02	.02	.01	.02	.02	.02	.09	.05	.03	.03	.03	.03	.04	.03	.04	.03	.026	23	.15
9*	.04	.04	.04	.03	.03	.05	.04	.04	.03	.03	.04	.05	.16	.03	.03	.03	.03	.04	.05	.05	.04	.03	.03	.03	.041	24	.41
10*	.03	.05	.07	.07	.08	.16	.30	.19	.10	.02	.01	.01	.01	.01	.03	.03	.03	.02	.03	.05	.06	.05	.05	.05	.063	24	.32
11	.05	.05	.04	.04	.04	.05	.05	.05	.06	.01	.04	.06	.06	.05	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.038	24	.09
12	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.02	.020	24	.04
13	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.022	24	.08
14	.03	.03	.03	.03	.04	.15	.14	.19	.07	.09						.01	.01	.00	.00	.00	.00	.00	.00	.00	.043	19	.25
15	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.18
16*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00					.000	17	.00
17*																											
18	.06	.05	.25	.10	.06	.08	.19	.34	.25	.23							.10	.31	.08	.16	.28	.21	.36	.26	.186	18	.47
19	.19	.21	.30	.28	.41	.44	.39	.20	.25	.33	.41	.12	.02	.05	.05	.02	.01	.01	.01	.02	.02	.01	.01	.00	.155	24	.63
20	.00	.00	.00	.00	.00	.00	.09	.06	.12	.42	.18	.09	.01	.00	.00	.00	.00	.02	.19	.22	.13	.02	.12	.36	.084	24	.73
21	.24	.31	.63	.25	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.00	.00	.072	20	.77
22	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
23*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.16	.38	.15	.01	.01	.01	.03	.032	24	.48
24*	.00	.01	.02	.02	.04	.04	.05	.03	.00	.14	.02	.00	.03	.17	.27	.27	.33	.10	.02	.00	.00	.00	.00	.00	.064	24	.49
25	.00	.00	.00	.00	.00	.01	.01	.03	.03	.03	.02	.00	.00	.00	.07	.13	.11	.10	.08	.00	.01	.02	.07	.04	.032	24	.24
26	.05	.04	.00	.00	.00	.00	.00	.00	.00	.00				.00	.01	.01	.01	.01	.00	.00	.03	.02	.01	.01	.009	21	.09
27	.01	.01	.01	.01	.01	.03	.05	.06	.05	.04	.04	.04	.03	.04	.04	.04	.03	.03	.04	.06	.09	.10	.28	.39	.063	24	.55
28	.41	.36	.48	.40	.31	.25	.39	.49	.43	.29	.28	.22	.20					.14	.12	.12	.13	.14	.10	.09	.266	20	.60
MEAN	.06	.06	.09	.06	.05	.06	.08	.09	.08	.09	.10	.07	.05	.03	.04	.04	.04	.05	.05	.04	.05	.04	.05	.07	.060		
NO	24	24	24	24	24	24	24	23	24	24	20	19	19	19	18	20	22	24	24	24	23	23	23	23		540	
MAX	.41	.36	.63	.40	.41	.44	.39	.49	.43	.42	.72	.55	.26	.17	.27	.27	.33	.31	.38	.22	.28	.21	.36	.39	.266		.98

* Indicates Saturday or Sunday

Local standard time used

Table 3-134. MARCH, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1																											
2*																											
3*	.09	.08	.07	.06	.08	.08	.09	.09	.11	.08	.07	.19	.06	.03	.02	.08	.12	.11	.13	.10	.14	.15	.29		.100	23	.30
4																											
5	.24	.20	.11	.03	.01	.01	.03	.02	.06	.08	.04	.03	.04	.08	.06	.04	.05	.02	.05	.02	.05	.06	.02	.01	.056	24	.35
6	.08	.07	.04	.05	.11	.14	.04	.02	.01	.11	.13	.11	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.039	24	.23
7	.00	.00	.00	.00	.00	.00	.01	.05	.04	.00	.00			.02	.02	.02	.01	.01	.01	.01	.00	.00	.01	.01	.009	22	.07
8	.01	.03	.06	.04	.07	.18	.32	.30	.43	.27	.20	.20	.25	.03	.02	.02	.02	.02	.02	.02	.02	.08	.17	.14	.121	24	.66
9*	.29	.13	.11	.18	.13	.19	.18	.41	.45	.38	.25	.26	.42	.15	.11	.19	.16	.14	.07	.04	.08	.03	.02	.03	.183	24	.59
10*	.02	.01	.22	.10	.12	.07	.05	.08	.12	.07	.03	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.03	.03	.051	24	.41
11	.03	.03	.05	.05	.03	.03	.03	.03	.06									.07	.04	.00	.00	.00	.00	.00	.028	16	.17
12	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.03	.03	.03	.01	.03	.16	.21	.18	.22	.17	.17	.17	.14	.23	.074	24	.32
13	.23	.11	.04	.01	.01	.11	.08	.05	.09	.06	.11	.11	.05	.11	.05	.14	.25	.10	.02	.00	.01	.00	.00	.00	.072	24	.45
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.02
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.05	.06	.006	24	.07
16*	.09	.07	.05	.07	.08	.14	.16	.16	.12	.09	.05	.01	.00	.00	.00	.01	.01	.02	.07	.02	.01	.02	.01	.02	.054	24	.18
17*	.05	.08	.13	.18	.22	.30	.19	.11	.06	.05	.18	.18	.29	.27	.28	.27	.12	.15	.32	.29	.05	.01	.00	.01	.156	24	.56
18																											
19											.17	.09	.04	.04	.00	.00	.00	.01	.01	.00	.00	.02	.00	.00	.027	14	.25
20	.00	.01	.00	.00	.01	.02	.04	.04	.06	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.009	24	.09
21	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
22																											
23*																											
24*	.24	.25	.15	.16	.29	.26	.22	.31	.75	.85	.75					.15	.31	.26	.38	.44	.28	.45	.28	.43	.359	201	.05
25																											
26																											
27	.13	.20	.25	.30	.16	.09	.07	.07	.05	.06	.06	.06	.07	.06	.06	.06	.05	.05	.05	.11	.12	.44	.68	.51	.156	24	.84
28	.29	.28	.51	.56	.27	.48	.45	.41	.36	.29	.29	.06	.05			.01	.01	.01	.00	.01	.02	.02	.24	.16	.217	22	.79
29	.17	.12	.15	.04	.04	.06	.12	.14	.32	.15	.14	.06	.10	.15	.06	.02	.01	.01	.01	.01	.01	.01	.01	.01	.079	24	.39
30*	.01	.04	.04	.07	.08	.08	.28	.42	.27	.36	.35	.37	.22	.24	.12	.05	.03	.02	.02	.03	.04	.04	.07	.06	.138	24	.53
31*	.05	.11	.07	.06	.07	.15	.08	.07	.03	.03	.03	.03	.02	.02	.02	.04	.06	.05	.04	.02	.04	.07	.10	.07	.055	24	.22
MEAN	.09	.08	.09	.09	.08	.11	.11	.13	.15	.14	.13	.09	.08	.06	.04	.06	.07	.05	.06	.06	.05	.07	.09	.08	.086		
NO	22	22	22	22	22	22	22	22	22	21	22	20	20	20	20	22	22	23	23	23	23	23	23	22		525	
MAX	.29	.28	.51	.56	.29	.48	.45	.42	.75	.85	.75	.37	.42	.27	.28	.27	.31	.26	.38	.44	.28	.45	.68	.51	.359		1.05

* Indicates Saturday or Sunday

Local standard time used

Table 3-135. APRIL, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.09	.09	.12	.15	.17	.29	.13	.11	.14	.20	.14	.07	.07		.05	.05	.04	.07	.09	.08	.08	.10	.23	.20	.119	23	.38
2	.18	.20	.29	.37	.30	.18	.17	.16	.20	.15	.25	.52	.61	.72	.59	.46	.44	.35	.29	.16	.55	.43	.38	.30	.343	24	.87
3	.34	.38	.62	.59	.31	.18	.37	.67	.72	.65	.20							.15	.05	.00	.00	.00	.11	.18	.306	18	.93
4	.13	.14	.12	.05	.04	.06	.02	.06	.12	.04	.02	.02	.02	.01	.01	.02	.01	.04	.07	.11	.10	.10	.10	.10	.062	24	.19
5																											
6*																											
7*																											
8																											
9	.11	.11	.15	.14	.13	.21	.23	.22	.16	.16	.13	.12	.13	.18	.27	.14	.00	.00	.00	.00	.00	.00	.00	.00	.107	24	.37
10	.00	.00	.00	.00	.00	.00	.00	.00	.00		.03	.04	.04	.04	.04	.03	.02	.03	.02	.02	.02	.02	.03	.03	.018	23	.05
11	.03	.03	.04	.04	.03	.04	.06	.04	.03	.03	.04	.02	.02	.03	.03	.03	.02	.02	.03	.03	.06	.05	.03	.03	.034	24	.07
12	.05	.06	.05	.05	.04	.03	.04	.04	.04	.04	.04	.05		.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.028	23	.09
13*	.02	.01	.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.009	24	.04
14*	.01	.03	.03	.04	.10	.08	.05	.04	.04	.03	.02	.02	.02	.01	.01	.01	.01	.01	.02	.03	.03	.02	.02	.02	.029	24	.12
15	.02	.02	.06	.06	.09	.08	.09	.06	.07	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.04	.04	.04	.04	.041	24	.11
16	.04	.05	.07	.06	.07	.07	.13	.11	.06	.05	.04	.03	.03	.04	.04	.03	.03	.03	.08	.11	.11	.11	.10	.07	.066	24	.14
17	.22	.18	.04	.13	.06	.06	.09	.08	.08	.06	.05	.04	.10	.07	.05	.03	.05	.11	.17	.08	.04	.04	.07		.083	23	.30
18																											
19	.03	.02	.01	.03	.11	.14		.10	.10			.02	.02	.01	.03	.03	.02	.05	.05	.05	.04	.07	.07	.05	.049	21	.17
20*	.10	.12	.07	.07	.08	.02	.01	.01	.01	.01	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.04	.06	.05	.035	24	.17
21*																											
22																											
23																											
24																											
25	.02	.02	.02	.04	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.02	.04	.04	.06	.08	.022	24	.08
26	.11	.09	.04	.04	.09	.08	.15	.08	.04	.02	.03	.03	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.042	24	.19
27*	.03	.04	.06	.09	.10	.14	.17	.13	.07	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.04	.08	.11	.19	.063	24	.28
28*	.21	.11	.08	.05	.05	.07	.09	.10	.06	.04	.03	.03	.03	.03	.03	.03	.02	.07	.02	.03	.07	.06	.04	.07	.058	24	.28
29	.21	.19	.33	.33	.21	.36	.50	.57	.54	.19	.05	.04	.02							.00	.00	.00	.00	.00	.196	18	.81
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.00	.02	.06					.007	20	.10
MEAN	.09	.09	.10	.11	.09	.10	.12	.12	.12	.09	.06	.06	.07	.07	.07	.05	.04	.05	.05	.04	.06	.06	.07	.08	.078		
NO.	21	21	21	21	21	21	20	21	21	19	20	20	19	18	19	19	19	20	20	21	20	20	20	19		481	
MAX	.34	.38	.62	.59	.31	.36	.50	.67	.72	.65	.25	.52	.61	.72	.59	.46	.44	.35	.29	.16	.55	.43	.38	.30	.343		.93

* Indicates Saturday or Sunday

Local standard time used

Table 3-136. MAY, 1963. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1												.01	.01	.01	.00	.00	.00	.00	.00	.02	.05	.06	.05	.04	.019	13	.06
2												.05	.02	.02	.02										.105	15	.35
3	.06	.08	.12	.13	.11	.13	.26	.29	.15	.08	.05	.12	.05	.02	.02	.01	.01	.03	.08	.14	.10	.28	.34	.35	.119	13	.61
4*																											
5*	.60	.47	.73	.58	.22	.27	.30	.42	.32	.44	.42	.32	.28	.34	.21	.12	.07	.03	.02	.03	.09	.06	.04	.04	.266	24	.89
6	.06	.06	.06	.06	.09	.09	.14	.14	.11	.10	.10	.11	.06	.04	.03	.02	.02	.04	.07	.06	.04	.03	.04	.08	.068	24	.15
7	.08	.08	.06	.10	.08	.07	.13	.10	.05	.03	.03	.04	.03	.03	.03	.02	.02	.02	.02	.13	.41	.32	.36	.52	.115	24	.72
8	.53	.32	.25	.45	.47	.56	.47	.34	.25	.61	.30	.21	.11	.17	.15	.11	.13	.17	.24	.10	.19	.19	.29	.23	.285	24	.88
9																											
10																											
11*									.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	16	.01
12*	.03	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.10	.09	.012	24	.17
13	.20	.10	.05	.08	.10	.03										.04	.00	.00	.01	.00	.00	.00	.00	.00	.041	15	.30
14	.01	.14	.21	.20	.17	.19	.13	.20	.17	.11	.15	.19	.17	.12	.20	.18	.16	.16	.24	.33	.08	.01	.02	.01	.146	24	.53
15																											
16	.13	.09	.05	.05	.05	.13	.24	.18	.47	.20	.07	.06	.02	.03	.03	.03	.03	.03	.00	.00	.00	.05	.23	.28	.102	24	.64
17																											
18*																											
19*																											
20												.10	.11	.11	.09	.00	.00	.01	.01	.00	.01	.01	.01	.02	.035	13	.30
21	.01	.01	.07	.05	.02	.08	.25	.19	.21	.05	.08	.04	.05	.09	.02	.02	.00	.02	.01	.01	.03	.02	.03	.06	.058	24	.32
22																											
23																											
24		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.10	.11	.10	.06	.05	.06	.03	.00	.01	.06	.08	.01	.03	.030	23	.16
25*	.01	.00	.01	.01	.05	.06	.07	.09	.12	.18	.15	.07	.05	.04	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.038	24	.18
26*	.00	.00	.00	.00	.00	.01	.03	.01	.01	.03	.10	.07	.07	.07	.06	.01	.01	.04	.01	.10	.10	.06	.16	.17	.047	24	.21
27	.05	.04	.05	.06	.08	.07	.12	.15	.10	.08	.16	.13	.01	.00	.01	.01	.00	.00	.01	.04	.03	.02	.00	.04	.052	24	.20
28	.07	.08	.05	.06	.06	.10	.08	.07	.06	.02	.01					.00	.00	.00					.00	.00	.041	16	.18
29	.00	.00	.00	.00	.00	.00	.02	.01	.00	.05	.01	.06	.05	.08		.01	.00	.02	.01	.04	.04	.02	.00		.018	22	.14
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00							.00	.00	.00	.00	.00	.000	18	.00
31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.03	.03	.04	.03	.01	.00	.00	.03	.17	.07	.018	22	.29
MEAN	.11	.08	.09	.10	.08	.10	.13	.13	.11	.11	.09	.08	.06	.07	.05	.03	.03	.03	.04	.05	.06	.06	.09	.10	.078		
NO.	17	18	18	18	18	18	17	17	18	18	18	20	19	18	18	20	20	20	19	20	20	20	21	20		450	
MAX	.60	.47	.73	.58	.47	.56	.47	.42	.47	.61	.42	.32	.28	.34	.21	.18	.16	.17	.24	.33	.41	.32	.36	.52	.285		.89

* Indicates Saturday or Sunday

Local standard time used

Table 3-137. JUNE, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01	.18	.19	.08	.05	.06	.12	.19	.26	.09	.05	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01	.01	.01	.055	24	.37
2*																											
3												.02	.01	.02	.12	.01	.00	.00	.00	.00	.01	.00	.02	.00	.016	13	.24
4	.00	.00	.00	.01	.01	.06	.08	.09	.09	.03							.00	.00	.00	.00	.00	.00	.00	.00	.020	18	.11
5	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02		.00			.00	.00	.04	.02	.00	.00	.01	.01	.00	.00	.006	21	.14
6	.04	.02	.12	.06	.02	.00	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.06	.04	.016	23	.18
7	.01	.00	.01	.03	.02	.01	.01	.03	.04	.01						.01	.00	.00	.02	.00	.00	.04	.03	.04	.016	19	.13
8*	.03	.02	.04	.02	.02	.05	.04	.05	.05	.04	.04	.07	.04	.01	.01	.07	.10	.08	.03	.02	.02	.04	.05	.03	.040	24	.20
9*	.00	.00	.00	.01	.02	.04	.02			.00	.01	.01	.08	.18	.15	.15	.01	.00	.00	.02	.05	.06	.04	.01	.038	22	.29
10	.01	.01	.01	.01	.02	.07	.02	.03	.04	.02	.02	.01	.01	.01	.01	.00	.01	.00	.01	.09	.05	.05	.13	.09	.027	24	.23
11	.10	.10	.08	.14	.15								.00	.06	.12	.05	.02	.01	.03	.02	.02	.07	.02	.00	.058	17	.26
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
13																											
14																											
15*																											
16*	.00	.03	.07	.01	.02	.03	.02	.02	.00	.00	.00	.00			.00	.03	.07	.09	.11	.12	.18	.11	.07	.14	.049	22	.26
17	.08	.07	.06	.04	.06	.14	.18	.12							.10	.10	.18	.05	.01	.01	.01	.10	.17	.14	.089	18	.32
18	.10	.10	.13	.21	.17	.24	.13	.06	.04	.03	.04	.03	.02	.01	.01	.00	.01	.00	.00	.01	.04	.05	.21		.070	23	.33
19						.16	.13	.10	.06	.06	.06	.08	.12	.06	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.050	19	.18
20	.01	.01	.02	.05	.04	.10	.02	.01	.04		.10	.06	.04	.02		.01	.01	.00	.00	.00	.00	.01			.028	20	.16
21	.00							.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.001	18	.02
22*	.01	.00	.00	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.03
23*	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.02
24	.00	.00	.00	.01	.04	.08	.01	.00	.04	.14	.05	.00	.04	.06	.02	.01	.01	.00	.00	.00	.00	.00	.00	.04	.023	24	.22
25	.07	.02	.03	.03	.08	.02	.08	.02	.03	.01	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.01	.00	.01	.018	24	.13
26																											
27																											
28																											
29*	.01	.00	.00	.00	.01	.01	.00	.00	.00	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.006	24	.02
30*	.01	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.004	24	.03
MEAN	.02	.03	.04	.04	.04	.05	.05	.04	.04	.02	.02	.02	.02	.02	.03	.02	.02	.01	.01	.01	.02	.03	.04	.03	.027		
NO	21	20	20	20	20	19	19	20	19	19	16	19	18	18	20	22	23	23	23	23	23	23	22	21		491	
MAX	.10	.18	.19	.21	.17	.24	.18	.19	.26	.14	.10	.08	.12	.18	.15	.15	.18	.09	.11	.12	.18	.11	.21	.14	.089		.37

* Indicates Saturday or Sunday

Local standard time used

Table 3-138. JULY, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	.01	.00	.00	.00	.00	.01	.01	.01	.00			.00	.00	.00	.00	.00									.002	14	.02
2																											
3	.02	.03	.02	.02	.02	.02	.02							.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.02	.015	18	.06
4																											
5																											
6*	.02	.03	.09	.10	.03	.03	.04	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.05	.11	.08	.16	.09	.041	24	.20
7*	.10	.07	.06	.05	.06	.05	.05	.04	.03	.02	.03	.03	.05	.11	.11	.05	.03	.02	.02	.02	.02	.02	.02	.02	.045	24	.15
8	.10	.13	.12	.04	.04	.08	.07	.16	.11	.08	.11	.15	.14	.09	.05	.04	.04	.03	.03	.03	.04	.04	.04	.03	.075	24	.29
9	.03	.03	.03	.04	.04	.04	.04	.04								.03	.04	.03	.03	.03	.03	.09	.09	.14	.046	17	.22
10	.08	.06	.04	.04	.07	.10	.13	.14					.00	.00	.00	.00	.00		.00	.00		.00	.00	.00	.037	18	.15
11	.00	.00	.00	.00	.00	.00	.02	.01	.00					.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.05
12	.00	.00	.00	.01	.02	.01	.01	.03	.02	.00	.18	.08	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.015	24	.43
13*	.00	.00	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.002	24	.10
14*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.07	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.24	.28	.25	.038	24	.38
15	.04	.19	.08	.05	.05	.10	.03	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.04	.06	.00	.028	23	.29
16	.00	.00	.00	.00	.07	.14	.10	.09	.15	.27	.09	.17	.14	.06	.05	.05	.10	.00	.12	.05	.04	.09	.05	.00	.076	24	.41
17																											
18																											
19																											
20*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.001	24	.05
21*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00												.000	13	.02
22																											
23																											
24																											
25																											
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.000	22	.02
27*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.04
28*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
29	.00	.00	.00	.00	.00	.04	.00	.00	.02	.01	.01	.00	.00		.00	.00			.00	.00	.00	.02	.00	.00	.005	21	.06
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
31	.00	.00	.00	.00	.00	.00	.00	.00	.02							.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	18	.04
MEAN	.02	.02	.02	.02	.02	.03	.03	.03	.02			.03	.02	.02	.01	.01	.01	.01	.01	.01	.02	.03	.04	.03	.021	448	
NO	21	21	21	21	21	21	21	20	18	15	15	16	17	16	18	20	17	16	19	19	18	19	19	19			
MAX	.10	.19	.12	.10	.07	.14	.13	.16	.15	.27	.18	.17	.14	.11	.11	.05	.10	.03	.12	.05	.11	.24	.28	.25	.076		.43

* Indicates Saturday or Sunday

Local standard time used

Table 3-139. AUGUST, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.02	.01	.00	.01	.00	.01	.00	.00	.02	.03	.004	23	.20
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.02
3*	.00	.00	.00	.01	.01	.00	.00	.01	.00	.08	.06	.07	.11	.13	.04	.06	.00	.00	.00	.00	.01	.07	.11	.14	.037	24	.34
4*	.06	.14	.11	.11	.04	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.019	24	.34
5	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.03	.003	24	.05
6	.02	.01	.07	.04	.04	.13	.20	.15	.06	.03	.01	.00	.01	.01	.01	.01	.02	.01	.00	.00	.01	.01	.24	.35	.059	24	.47
7	.13	.11	.11	.23	.14	.12	.26	.34	.63			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.095	22	.76
8	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	23	.05
9	.00	.00	.00	.01	.01	.02	.05	.03	.02	.06	.01	.01	.01	.00	.02	.00	.00	.00	.00	.04	.03	.12	.00	.00	.018	24	.26
10*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.02	.02	.002	21	.13
11*	.00	.00	.00	.11	.02	.00	.00	.11	.10			.05	.01	.00	.00	.00	.00	.00	.00	.00	.02	.09		.03	.025	21	.25
12																											
13																											
14																											
15											.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	14	.02
16	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.31	.25	.035	24	.44
17*	.14	.28	.16	.21	.04	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.042	24	.42
18*	.02	.18	.19	.24	.05	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.036	24	.47
19	.01	.01	.01	.01	.02	.02	.06	.37	.11	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.01	.01	.034	24	.43
20	.02	.01	.02	.01	.02	.02	.02	.04	.07	.07	.13	.08	.10	.09	.12	.07	.06	.07	.06	.03	.05	.04	.02	.01	.050	24	.18
21	.01	.01	.01	.01	.02	.05	.02						.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.02	.019	19	.09
22	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.03	.02	.02	.02	.01	.02	.01	.02	.02	.01	.01	.02	.02	.01	.016	24	.08
23	.02	.03	.03	.03	.03	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.016	24	.04
24*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.04
25*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.016	24	.03
26	.02	.02	.02	.02	.03	.02	.03	.04	.06	.04	.04	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.01	.03	.022	24	.08
27	.03	.03	.02	.02	.02	.02	.04	.04	.03	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.03	.05	.023	24	.07
28	.03	.02	.02	.03	.02	.02	.02	.02	.03			.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.017	22	.08
29	.01	.01	.08	.19	.10	.01	.01	.01	.01		.07	.21	.23	.17	.21	.22	.26	.19	.17	.06	.01	.01	.05	.13	.105	23	.43
30	.11	.09	.09	.09	.09			.09	.04	.03	.03	.02	.02	.02	.02	.02	.01	.01	.02	.01	.02	.02	.03	.03	.041	22	.16
31*	.02	.05	.08	.06	.04	.04	.05	.06	.05	.04	.06	.02	.03	.02	.02	.02	.02	.02	.02	.04	.06	.09	.03	.07	.041	24	.15
MEAN	.03	.04	.04	.05	.03	.02	.03	.05	.05	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.02	.04	.05	.029		
NO.	27	27	27	27	27	26	26	26	26	22	23	26	27	28	28	27	27	27	28	28	28	28	27	28		641	
MAX	.14	.28	.19	.24	.14	.13	.26	.37	.63	.08	.13	.21	.23	.17	.21	.22	.26	.19	.17	.06	.06	.12	.31	.35	.105		.76

* Indicates Saturday or Sunday

Local standard time used

Table 3-140. SEPTEMBER, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.05	.03	.03	.03	.03	.04	.06	.06	.05	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.04	.05	.05	.06	.034	24	.09
2	.09	.08	.14	.12	.09	.07	.10	.16	.20	.54	.41	.08	.04	.03	.03	.05	.09	.12	.12	.08	.04	.03	.03	.03	.114	24	.61
3	.07	.20	.12	.10	.10	.03	.04	.08	.09	.18	.19	.14	.06	.05	.04	.03	.03	.04	.04	.04	.04	.03	.05	.03	.074	24	.29
4																											
5	.00	.00	.00	.00	.00	.00	.00	.00	.00					.03	.03	.03	.03	.03	.02	.02	.03	.03	.03	.02	.015	20	.05
6	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.021	24	.04
7*	.03		.03	.03	.03	.03	.04	.04	.05	.03	.04	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.03	.04	.04	.031	23	.07
8*	.03	.03	.03	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.04	.028	24	.05
9	.03	.03	.02	.02	.02	.02	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.024	24	.06
10	.02	.02	.03	.04	.05	.04	.04	.04	.03	.03	.02	.02			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.022	22	.06
11	.01	.01	.01	.01	.01	.02	.02	.02	.04	.04	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.013	24	.04
12	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02			.02	.02	.03	.03	.04	.03	.03	.01	.01	.01	.05	.03	.018	22	.06
13	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.05
14*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.012	24	.03
15*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.03
16	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.011	24	.02
17	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	22	.01
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.006	24	.02
19	.02	.02	.01	.01	.01	.01	.02	.01	.01	.02	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.009	24	.06
20	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.010	24	.04
21*	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.00	.00	.004	24	.02
22*	.00	.01	.01	.01	.00	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.004	24	.03
23	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01					.01	.00	.00	.01	.01	.01	.01	.01			.008	18	.03
24		.01	.01	.01	.01										.03	.03	.03	.02	.02	.02	.01	.02	.02	.02	.018	14	.04
25	.02	.02	.02	.02	.02	.02	.05	.05	.08	.05	.08	.04	.02	.01	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01	.025	24	.12
26	.03	.03	.03	.02	.02	.02	.02	.03	.06	.15	.05	.03	.02	.02	.02	.02	.02	.03	.06	.05	.04	.11	.10	.03	.041	24	.38
27	.03	.02	.02	.02	.02	.02	.01	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.03	.38	.41	.33	.15	.04	.04	.068	24	.53
28*	.06	.20	.10	.03	.03	.03	.03	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.027	24	.32
29*	.01	.02	.02	.01	.00	.01	.01	.01	.01	.01	.00	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.011	24	.04
30	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.008	24	.02
MEAN	.02	.03	.02	.02	.02	.02	.02	.03	.03	.05	.04	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.02	.02	.02	.024		
NO	28	28	29	29	29	28	28	28	28	27	25	25	24	25	29	29	29	29	29	29	29	29	28	28		669	
MAX	.09	.20	.14	.12	.10	.07	.10	.16	.20	.54	.41	.14	.06	.05	.04	.05	.09	.12	.38	.41	.33	.15	.10	.06	.114		.61

* Indicates Saturday or Sunday

Local standard time used

Table 3-141. OCTOBER, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.02	.02	.01	.01	.02	.06	.04	.02	.01	.01				.00	.00	.00	.02	.06	.10	.11	.10	.13	.036	21	.24
2	.18	.19	.07	.05	.06	.06	.06	.12	.10	.39	.20	.06	.06	.02	.01	.01	.05	.15	.00	.00	.09	.19	.28	.26	.109	24	.55
3	.23	.18	.17	.12	.20	.24	.23	.37	.47	.28	.30	.23	.03	.01	.17	.02	.29	.01	.00	.00	.00	.00	.01	.00	.148	24	.55
4	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
5*	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.05	.08	.11	.14	.05	.01	.01	.01	.024	24	.21
6*	.02	.06	.06	.07	.08	.09	.12	.15	.03	.02	.03	.07	.23	.22	.16	.20	.08	.12	.65	.19	.47	.57	.35	.42	.185	24	.83
7	.49	.52	.47	.46	.46	.54	.42	.34	.51	.71	.65	.30	.25	.19	.23	.18	.23	.62	.68	.58	.27	.63	.64	.67	.459	24	.02
8	.44	.22	.24	.42	.40	.30	.18	.11	.06			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.113	22	.58
9	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.08	.06	.016	24	.12
10	.03	.03	.04	.12	.13	.11	.14	.20	.22	.11		.07	.11	.07	.02	.01	.06	.05	.07	.01	.01	.01	.07	.27	.085	23	.44
11	.21	.09	.10	.13	.08	.16	.27	.35	.31	.47	.48	.32	.31	.23	.21	.18	.07	.09	.13	.17	.20	.40	.44	.17	.233	24	.72
12*	.11	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.016	24	.21
13*	.01	.01	.01	.01	.01	.01	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.02	.04	.02	.015	24	.06
14	.04	.05	.03	.03	.04	.09	.14	.18	.16	.13	.06	.01	.01	.01	.01	.01		.01	.02	.08	.06	.07	.06	.06	.058	23	.35
15	.12	.12	.10	.12	.10	.10	.14	.15	.26	.20	.14			.01	.01	.01	.01	.06	.10	.15	.15	.08	.08	.11	.105	22	.35
16	.06		.04	.05	.11	.11	.21	.36	.29	.14	.08	.06	.04	.04	.04	.02	.02	.03	.06	.07	.06	.06	.08	.08	.091	23	.48
17	.12	.32	.31	.23	.22	.16	.36	.36	.33	.22	.07	.06	.04	.04	.04	.04	.11	.16	.15	.22	.12	.11	.13	.12	.167	24	.44
18	.10	.11	.12	.17	.12	.13	.18	.22	.23	.41	.44	.39	.38	.40	.35	.58	.51	.41	.39	.40	.34	.13	.22	.28	.290	24	.68
19*	.21	.14	.12	.15	.16	.18	.22	.22	.42	.51	.59	.74	.45	.33	.25	.27	.27	.21	.18	.32	.27	.21	.23	.24	.286	24	.90
20*	.18	.18	.18	.40	.27	.20	.25	.21	.19	.36	.13	.07	.12	.15	.28	.20	.08	.08	.08	.09	.07	.07	.10	.08	.166	24	.59
21	.08	.19	.18	.16	.14	.14	.17	.20	.19	.14	.11	.08	.07	.06	.07	.12	.14	.16	.21	.18	.24	.28	.26	.18	.155	24	.41
22	.14	.19	.11	.16	.18												.02	.02	.02	.03	.06	.05	.03	.03	.080	13	.37
23	.02	.02	.02	.02	.02	.03	.04	.04	.02	.02	.02	.02	.02	.03	.15	.28	.37	.13	.07	.13	.19	.22	.17	.18	.093	24	.49
24	.19	.10	.10	.09	.06	.04	.06	.13	.34	.41	.26	.15	.14	.12	.13	.20	.14	.13	.19	.14	.13	.19	.26	.45	.172	24	.56
25	.15	.08	.06	.04	.04	.06	.10	.11	.28	.43	.30	.31	.16	.10	.03	.03	.02	.01	.01	.01	.01	.06	.14	.25	.117	24	.52
26*	.11	.02	.10	.03	.01	.01	.01	.01	.01	.01	.07	.08	.24	.11	.06	.21	.23	.27	.37	.47	.40	.26	.33	.12	.147	24	.71
27*	.14	.21	.13	.14	.23	.09	.12	.23	.34	.19	.16	.13	.09	.15	.11	.10	.11	.22	.32	.21	.18	.20	.17	.16	.171	24	.51
28	.24	.13	.07	.03	.02	.01	.02	.02	.02	.04	.04	.04										.02	.02	.03	.050	15	.28
29	.03	.03	.03	.03	.05	.08	.06									.01	.01	.01	.01	.01	.01	.01	.01	.01	.025	16	.11
30	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01							.02	.02	.02	.02	.02	.02	.02	.02	.015	18	.05
31	.02	.04	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.01	.01		.01	.02	.01	.01	.02	.03	.08	.02	.01	.022	23	.09
MEAN	.12	.11	.09	.11	.10	.10	.12	.15	.17	.19	.16	.12	.11	.09	.09	.10	.10	.10	.13	.12	.12	.13	.14	.14	.108		
NO	31	30	31	31	31	30	30	29	29	28	26	27	25	26	25	28	29	30	30	30	30	31	31	31		699	
MAX	.49	.52	.47	.46	.46	.54	.42	.37	.51	.71	.65	.74	.45	.40	.35	.58	.51	.62	.68	.58	.47	.63	.64	.67	.459		1.02

* Indicates Saturday or Sunday

Local standard time used

Table 3-142. NOVEMBER, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01	.01	.01	.01	.01	.01	.02	.20	.08	.10	.16	.32	.20	.21	.12	.12	.03	.01	.01	.01	.01	.01	.01	.01	.070	24	.42
2*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	24	.02
3*	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.03	.03	.05		.014	23	.07
4	.06	.11	.08	.03	.04	.09	.27	.21	.21	.14	.21	.33	.11	.17	.19	.09	.04	.04	.02	.04	.02	.13	.18	.20	.125	24	.42
5	.08	.06	.08	.02	.02	.03	.04	.06	.04	.20	.07	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.035	24	.27
6	.01	.01	.01	.01	.01	.02	.03	.05	.06	.02	.01	.01			.04	.04	.02	.05	.11	.02	.01	.01	.01	.01	.026	22	.16
7	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.012	24	.06
8	.01	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.05
9*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.04	.01	.03	.04	.04	.014	24	.06
10*	.02	.03	.05	.06	.04	.10	.09	.08	.07	.04	.01	.01			.01	.05	.11	.10	.10	.04	.07	.09	.08	.07	.060	22	.14
11	.15	.15	.16	.08	.15	.12	.15	.12	.11	.06	.03	.03	.02	.02	.02	.01	.01	.03	.05	.07	.11	.16	.15	.07	.083	24	.23
12	.09	.09	.08	.07	.07	.08	.10	.09	.08	.05	.04	.03	.03	.02	.03	.02	.02	.02	.04	.03	.03	.03	.04	.03	.049	24	.13
13	.03	.04	.05	.14	.14	.28	.35	.23	.16	.08	.04	.02	.02	.02	.02	.02	.02	.02	.04	.07	.07	.12	.13	.11	.092	24	.44
14	.09	.10	.11	.09	.06	.09	.08	.06	.05	.05			.03	.03	.02	.02	.03	.04	.04	.04	.05	.05	.05	.05	.055	22	.14
15	.05	.06	.04	.02	.02	.02	.02	.04	.04	.02	.02	.02	.02	.02	.03	.02	.03	.04	.04	.05	.06	.08	.06	.06	.036	24	.11
16*	.05	.06	.07	.08	.08	.07	.12	.13	.10	.08	.07	.04	.03	.03	.02	.02	.03	.05	.26	.37	.27	.24	.29	.21	.115	24	.42
17*	.15	.14	.14	.11	.10	.09	.10	.12	.11	.16	.19			.08	.07	.03	.05	.07	.06	.07	.10	.14	.08	.24	.108	22	.41
18	.46	.49	.27	.54	.47	.45	.58	.68	.52	.69	.68	.54		.22	.15	.07	.07	.22	.27	.44	.31	.12	.09	.03	.363	23	.91
19	.02	.02	.02	.02	.04	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.022	24	.11
20	.04	.04	.05	.09	.11	.12	.14	.19	.27	.35	.22	.09	.11	.05	.04	.04	.03	.05	.09	.09	.09	.09	.06	.07	.105	24	.40
21	.08	.07	.08	.08	.07	.08	.13	.15	.08	.05	.12	.22	.21		.19	.17	.18	.21	.17	.10	.13	.17	.20	.24	.138	23	.30
22	.20	.16	.11	.09	.07	.10	.16	.22	.31	.35	.25	.16	.10	.05	.05	.05	.05	.06	.06	.05	.06	.08	.07	.04	.120	24	.37
23*	.04	.04	.04	.03	.05	.17	.06	.04	.05	.04	.03		.03	.06	.03	.03	.03	.03	.03	.03	.05	.05	.06	.03	.044	23	.24
24*	.03	.04	.04	.04	.04	.05	.05	.04	.04	.05	.04	.05	.05	.04	.04	.04	.04								.041	17	.06
25																											
26	.11	.09	.17	.15	.21	.07	.20	.19	.27	.25	.16	.21	.09	.19	.11	.14	.21	.08	.15	.12	.09	.02	.03	.04	.138	24	.31
27	.06	.09	.26	.30	.25	.20	.16	.18	.16						.02	.02	.02	.03	.03	.03	.05	.06	.06	.07	.107	19	.40
28	.08	.08	.12	.11	.09	.10	.13	.16	.12	.24	.27	.07	.02	.02	.03	.03	.03	.03	.02	.05	.10	.01	.01	.01	.080	24	.32
29	.02	.02	.01	.01	.01	.03	.04	.05	.06	.07	.05	.05	.04	.06	.09	.09	.12	.05	.06	.04	.06	.04	.03	.02	.046	24	.14
30*	.02	.02	.02	.03	.03	.04	.04	.03	.04	.04	.04	.05	.05	.05	.06			.06	.06	.07				.07	.040	19	.08
MEAN	.07	.07	.07	.08	.08	.08	.11	.12	.11	.11	.10	.10	.05	.06	.05	.04	.04	.05	.06	.07	.07	.07	.07	.07	.075		
NO	29	29	29	29	29	29	29	29	28	28	27	24	24	25	29	28	28	28	28	28	27	27	27	28		666	
MAX	.46	.49	.27	.54	.47	.45	.58	.68	.52	.69	.68	.54	.21	.22	.19	.17	.21	.22	.27	.44	.31	.24	.29	.24	.363		.91

* Indicates Saturday or Sunday

Local standard time used

Table 3-143. DECEMBER, 1963, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.06	.05				.09	.10	.11	.08	.08	.05	.02	.02	.02	.02	.02	.02	.02	.04	.04	.06	.07	.08	.16	.058	21	.27
2	.12	.30	.27	.26	.32	.34	.33	.33	.43	.25	.16	.08	.16	.16	.12	.09	.15	.17	.14	.11	.17	.16	.14	.22	.207	24	.61
3	.15	.12	.15	.17	.27	.35	.41	.46	.40	.29	.24	.20	.18	.15	.13	.11	.12	.13	.12	.09	.09	.09	.07	.06	.189	24	.48
4	.09	.08	.05	.06	.04	.05	.06	.08	.08	.06	.10	.07	.08	.06	.07	.07	.07	.08	.10	.12	.16	.14	.31	.22	.095	24	.51
5	.18	.19	.30	.27	.29	.39	.30	.24	.25	.41	.21	.21	.13	.16	.19	.14	.10	.13	.12	.13	.16	.16	.14	.19	.207	24	.54
6	.32	.27	.26	.21	.24	.25	.30	.24	.20	.23	.19	.12	.10	.10	.13	.11	.08	.10	.12	.10	.11	.14	.19	.14	.176	24	.36
7*	.17	.25	.31	.25	.26	.22	.20	.21	.27	.17	.11			.22	.25	.24	.19	.28	.24	.09	.11	.15	.21	.44	.219	22	.63
8*	.14	.13	.21	.12	.15	.11	.20	.20	.20	.09	.12	.11	.04	.03	.08	.07	.05	.03	.03	.02	.02	.02	.03	.13	.096	24	.40
9	.12	.02	.03	.04	.04	.06	.09	.08	.07	.05	.04	.04	.06	.05	.04	.05	.05	.06	.07	.06	.06	.05	.05	.08	.058	24	.31
10	.09	.07	.08	.08	.06	.06	.07	.08	.08	.08	.07	.07	.09	.07	.07	.06	.07	.06	.06	.05	.06	.07	.07	.06	.069	24	.12
11	.06	.06	.05	.06	.07	.07	.04	.07	.08	.05			.06	.07	.06	.05	.07	.07	.08	.07	.09	.11	.10	.22	.075	22	.35
12	.30	.35	.31	.27	.21	.22	.31	.32	.29	.31	.46	.35	.24	.18	.19	.14	.14	.16	.17	.11	.12	.28	.20	.15	.240	24	.53
13	.16	.13	.16	.20	.16	.17	.28	.47	.45	.31	.19	.25	.30		.42	.23	.20	.20	.24	.20	.16	.19	.19	.24	.238	23	.56
14*	.40	.33	.26	.22	.27	.33	.29	.30	.23	.18	.14	.11	.13	.08	.09	.10	.09	.08	.06	.05	.07	.06	.06	.06	.165	24	.52
15*	.06	.06	.07	.08	.08	.07	.09	.07	.08	.07		.06	.06	.06	.06	.05	.06	.07	.12	.10	.09	.09	.09	.10	.075	23	.13
16	.10	.10	.12	.12	.13	.14	.14	.13			.07	.08	.06	.05	.05	.05	.07	.09	.10	.10	.11	.11	.10	.12	.097	22	.15
17	.12	.12	.10	.12	.13	.15	.16	.15	.14	.12	.10	.10	.10	.11	.10	.09	.10	.11	.11	.14	.16	.15	.14	.17	.124	24	.22
18	.27	.29	.35	.21	.12	.14	.22	.34		.23			.38	.11	.31	.32	.16	.10	.11	.12	.11	.09	.08	.09	.196	21	.51
19	.10	.11	.11	.11	.10	.10	.11	.11	.11	.10	.10	.08						.08	.07	.07	.07	.08	.08	.08	.092	19	.12
20	.09	.09	.13	.12	.12	.13	.14	.17	.17	.13	.11	.10	.09	.09	.11	.11	.12	.10	.10	.10	.12	.11	.13	.12	.115	24	.19
21*	.11	.12	.13	.13	.15	.14	.16	.20	.12			.04	.04	.04	.02	.02	.02	.02	.03	.03	.07	.06	.08	.09	.081	22	.22
22*	.09	.08	.08	.07	.06	.08	.07	.24	.26	.20	.07	.05	.05	.06	.05	.05	.04	.08	.11	.13	.13	.20	.17	.15	.106	24	.32
23	.24	.20	.21	.22	.28	.29	.32	.51	.57	.50	.45	.36	.33	.35	.23	.20	.19	.16	.13	.13	.10	.10	.19	.18	.267	24	.75
24	.11	.10	.09	.09	.09	.08	.09	.09	.14	.12			.13	.10	.08	.09	.14	.16	.42	.35	.66	.49	.25	.15	.182	22	.89
25	.17	.16	.15	.10	.11	.09	.11	.11	.10	.11	.10	.09	.07	.08	.08	.09	.08	.09	.09	.11	.13	.16	.14	.15	.110	24	.23
26	.22	.23	.33	.31	.34	.36	.39	.57		.42	.26	.32	.12	.15	.28	.26	.19	.26	.24	.25	.23	.23	.20	.19	.276	23	.67
27	.30	.30	.36	.40	.43	.34	.33	.34	.35	.34	.30	.30	.25		.22	.27	.27	.30	.26	.24	.22	.18	.14	.15	.286	23	.46
28*	.15	.17	.21	.17	.13	.10	.11	.08	.08	.08	.06	.03	.01	.02	.01	.01	.02	.02	.05	.06	.06	.06	.07	.07	.076	24	.26
29*	.08	.07	.08	.03	.08	.10	.06	.04	.04	.12	.04	.03	.02	.01	.01	.01	.03	.04	.07	.07	.06	.07	.06	.05	.052	24	.19
30	.04	.02	.03	.04	.04	.03	.03	.05	.07	.05	.04	.03	.02	.03	.02	.02	.03	.03	.04	.06	.08	.17	.35	.30	.067	24	.40
31	.23	.46	.34	.30	.41	.53	.61	.50	.44	.37	.29	.37	.44	.34	.41	.33	.13	.16	.26	.23	.24	.23	.17	.18	.332	24	.67
MEAN	.16	.16	.18	.16	.17	.18	.20	.22	.21	.19	.16	.14	.13	.11	.13	.12	.10	.11	.12	.11	.13	.14	.14	.15	.150		
NO	31	31	30	30	30	31	31	31	28	29	26	27	29	28	30	30	30	31	31	31	31	31	31	31		719	
MAX	.40	.46	.36	.40	.43	.53	.61	.57	.57	.50	.46	.37	.44	.35	.42	.33	.27	.30	.42	.35	.66	.49	.35	.44	.332		.89

* Indicates Saturday or Sunday

Local standard time used

Table 3-144. JANUARY, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1	.19	.20	.16	.18	.18	.21	.20	.16	.12	.10	.08	.06	.07	.07	.08	.07	.09	.13	.36	.32	.08	.14	.05	.11	.141	24	.46
2	.14	.11	.06	.06	.07	.06	.07	.07	.07	.05	.07	.04	.04	.04	.04	.05	.24	.30	.35	.31	.17	.14	.40	.39	.138	24	.46
3	.33	.43	.69	.56	.37	.52	.39	.37	.44	.30	.29	.58			.42	.52	.42	.69	.57	.34	.23	.35	.29	.38	.430	22	.81
4*	.25	.10	.05	.04	.06	.02	.05	.06	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.029	24	.31
5*	.00	.00	.00	.00	.01	.02	.09	.10	.15	.21	.21	.16	.00	.00		.00	.00	.00	.04	.12	.22	.25	.32	.36	.097	23	.48
6	.39	.45	.46	.48	.32	.27	.14	.04	.08	.03	.25	.10	.02	.13		.17	.37	.23	.22	.34	.23	.27	.22	.12	.231	23	.63
7	.00	.00	.00	.00	.00	.00	.01	.04	.13	.11	.03	.00	.00	.00		.00	.00	.00	.05	.06	.02	.01	.02	.01	.021	23	.21
8	.01	.00	.01	.02	.03	.05	.12	.20	.37	.27	.34	.25	.11	.07		.00	.01	.00	.06	.21	.20	.23	.28	.31	.136	23	.42
9	.28	.24	.16	.15	.18	.26	.21	.29	.26		.09	.06	.04				.13	.19	.50	.45	.59	.33	.18	.07	.232	20	.82
10	.07	.03	.01	.00	.03	.02	.04	.04	.03	.02	.01	.01	.02			.01	.00	.00	.00	.00	.00	.00	.01	.02	.017	22	.09
11*	.00	.00	.01	.02	.01	.01	.03	.04	.07	.05	.03	.00	.01	.01	.01	.02	.02	.02	.02	.04	.06	.04	.08	.17	.032	24	.21
12*	.11	.07	.04	.02	.01	.01	.00	.00	.00	.00	.01	.03	.01	.02	.02	.02	.03	.05	.10	.10	.09	.08	.08	.07	.040	24	.13
13	.07	.05	.04	.07	.11	.10	.10				.08	.05	.04	.03	.02	.03	.02	.02	.02	.01	.02	.02	.03	.04	.045	21	.13
14	.05	.04	.06	.05	.05	.04	.05	.06	.07	.05	.04	.04	.04	.04	.02	.03	.04	.06	.06	.07	.11	.12	.11	.10	.058	24	.14
15	.07	.10	.09	.07	.06	.08	.19	.14	.24	.18	.09	.08	.09	.09	.07	.09	.08	.13	.27	.38	.42	.32	.32	.32	.165	24	.48
16	.32	.29	.40	.41	.43	.54	.44	.57	.53	.47	.41	.38	.07		.07	.08	.11	.21	.39	.30	.36	.35	.36	.44	.344	23	.70
17	.35	.23	.23	.32	.49	.36	.35	.25	.17	.14	.11	.08	.08	.08	.06	.04	.03	.06	.07	.11	.18	.25	.17	.22	.183	24	.57
18*	.26	.22	.26	.26	.27	.35	.39	.43	.57	.64	.73	.56	.48	.47	.40	.45	.35	.26	.37	.25	.29	.27	.21	.26	.373	24	.92
19*	.27	.33	.32	.24	.24	.28	.30	.31	.35	.37	.47	.35	.24	.20	.14	.12	.09	.08	.17	.16	.17	.16	.16	.11	.235	24	.51
20	.14	.28	.34	.12	.09	.16	.13	.19	.16	.20	.14	.16	.26	.32	.30	.17	.15	.14	.07	.06	.05	.04	.04	.04	.156	24	.60
21	.04	.04	.04	.03	.03	.04	.05	.03	.03	.03	.04	.03	.03	.04	.04	.04	.07	.15	.20	.25	.21	.21	.12	.11	.078	24	.32
22	.11	.10	.15	.12	.12	.11	.06	.11	.09	.06	.06	.06	.06			.07	.07	.06	.08	.11	.12	.13	.18	.23	.102	22	.25
23	.28	.28	.25	.42	.44	.39	.32	.36	.42	.35	.40	.32	.37	.22	.10	.13	.10	.13	.19	.23	.15	.12	.11	.08	.257	24	.49
24	.15	.29	.29	.29	.14	.18	.32	.33	.38	.37	.34	.32	.32	.34	.24	.27	.24	.28	.33	.34	.29	.24	.24	.23	.281	24	.43
25*	.13	.09	.04	.05	.09	.06	.04	.05	.05	.04	.03	.04	.03	.03			.04	.04	.03	.03	.03	.04	.06	.05	.048	22	.21
26*	.03	.05	.12	.20	.28	.17	.23	.78	.84	.57	.37	.40	.30			.13	.03	.04	.05	.05	.06	.06	.05	.06	.219	22	1.00
27	.09	.09	.10	.14	.10	.12	.17	.34	.19	.11	.06	.06	.06	.05											.119	14	.50
28																											
29	.05	.05	.06	.06	.06	.07	.06	.08	.09	.06	.06	.06	.06	.06	.08	.07		.09	.07	.08	.10	.11	.19	.33	.085	23	.60
30	.48	.41	.60	.32	.12	.14	.18	.11	.14	.11	.09	.06	.06	.05	.03	.04	.05	.06	.08	.08	.11	.08	.08	.11	.149	24	.79
31	.11	.11	.12	.12	.13	.21	.21	.20	.16	.20				.21	.10	.22	.10	.09	.10	.11	.23	.24	.20	.16	.157	21	.32
MEAN	.16	.15	.17	.16	.15	.16	.16	.20	.21	.18	.17	.15	.10	.11	.11	.10	.10	.12	.17	.17	.17	.16	.16	.17	.154		
NO.	30	30	30	30	30	30	30	29	29	28	29	29	28	24	20	27	28	29	29	29	29	29	29	29		684	
MAX	.48	.45	.69	.56	.49	.54	.44	.78	.84	.64	.73	.58	.48	.47	.42	.52	.42	.69	.57	.45	.59	.35	.40	.44	.430		1.00

* Indicates Saturday or Sunday

Local standard time used

Table 3-145. FEBRUARY, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.11	.16	.15	.16	.19	.18	.20	.22	.19	.16	.12	.10	.06	.07	.08	.07	.09	.09	.06	.06	.05	.05	.04	.04	.111	24	.26
2*	.03	.03	.02	.02	.02	.03	.02	.02	.01	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.03	.03	.022	24	.07
3	.02	.02	.02	.01	.01	.01	.02	.02	.04	.05	.05	.04	.04		.03	.02		.03	.03	.04	.04	.05	.08	.08	.034	22	.09
4	.10	.09	.06	.12	.09	.09	.10	.13	.11	.09	.04	.07	.07	.08	.06	.06	.06	.07	.10	.17	.18	.14	.21	.27	.106	24	.34
5	.22	.20	.18	.22	.44	.51	.24	.10	.07		.07	.06	.06	.05	.05	.06	.05	.06	.09	.10	.11	.11	.19	.18	.148	23	.64
6	.25	.50	.43	.32	.21	.24	.22	.27	.20	.18			.19	.29	.16	.08	.10	.15	.35	.33	.15	.04	.04	.04	.215	22	.57
7	.04	.04	.07	.07	.07	.06	.07	.09	.07	.07	.07	.07	.05	.06	.05	.05	.05	.07	.12	.10	.08	.04	.04	.05	.063	24	.16
8*	.05	.04	.04	.04	.04	.04	.04	.06	.04	.03	.04		.08	.04	.05	.05	.05	.06	.05	.06	.06	.06	.07	.08	.049	23	.14
9*	.06	.06	.06	.06	.07	.06	.07	.08	.07	.04	.04	.03	.04	.04	.04	.05	.04	.05	.07	.09	.10	.10	.08	.11	.063	24	.15
10	.14	.17	.18	.17	.18	.18	.18	.19	.22	.23	.24	.14	.08	.07	.07	.07	.08	.07	.08	.12	.17	.23	.26	.26	.156	24	.33
11	.18	.24	.35	.30	.26	.19	.26	.30	.22	.20	.22	.18	.14	.13	.09	.10	.11	.10	.08	.09	.09	.09	.09	.09	.170	24	.38
12	.10	.10	.10	.10	.10	.09	.10	.11	.12	.11	.10	.10	.08	.07	.06	.06	.07	.09	.12	.12	.12	.15	.17	.21	.106	24	.22
13	.15	.18	.19	.20	.29	.28	.30	.49	.53	.42	.21	.14	.11	.18	.16			.27	.10	.15	.22	.29	.16	.13	.234	22	.59
14	.12	.10	.09	.10	.16	.15	.13	.11	.11	.08	.06	.05	.05	.05	.04	.05	.03	.04	.04	.04	.07	.10	.07	.06	.078	24	.20
15*	.06	.08	.12	.07	.08	.10	.10	.15	.14	.08	.06	.06	.06	.14	.16	.14	.06	.06	.07	.08	.09	.11	.09	.08	.093	24	.22
16*	.07	.11	.13	.10	.07	.04	.05	.07	.07	.07	.07		.05	.05	.05	.05	.04	.04	.04	.04	.05	.04	.05	.04	.060	23	.16
17	.04	.05	.05	.04	.05	.05	.04	.06	.07	.07	.07	.07	.06	.05	.06	.09	.14	.15	.13	.08	.09	.08	.22	.23	.084	24	.26
18	.25	.28	.42	.21	.30	.22	.20	.18	.20	.21	.24	.16	.23	.15		.15	.17	.13	.12	.15	.17	.12	.07	.06	.189	23	.50
19	.06	.07	.06	.06	.05	.06	.07	.09	.08	.08	.10	.09	.09	.08	.08	.07	.07	.09	.12	.13	.11	.11	.10	.10	.084	24	.14
20	.11	.09	.10	.07	.05	.06	.07	.08	.08			.06		.09	.05	.03	.03	.05	.07	.07	.06	.06	.05	.06	.065	21	.15
21	.06	.08	.09	.06	.11	.10	.11	.08	.05	.03	.05	.06	.04	.04	.04	.04	.04	.05	.07	.07	.07	.07	.06	.05	.062	24	.14
22*	.05	.06	.05	.05	.06	.10	.08	.09	.08	.07	.06	.06	.05	.06	.05	.04	.04	.05	.05	.11	.09	.10	.12	.11	.069	24	.15
23*	.11	.11	.09	.12	.09	.07	.10	.09	.07	.09	.07	.07	.06	.07	.05	.05	.05	.06	.07	.10	.15	.15	.14	.27	.095	24	.31
24	.30	.31	.28	.34	.52	.33	.35	.52	.49	.45	.51	.21	.08	.06	.06	.05	.05	.05	.06	.06	.06	.07	.09	.10	.225	24	.63
25	.13	.15	.14	.11	.14	.16	.21	.16	.14	.24	.29	.13	.08	.08	.09	.10	.10	.08	.10	.12	.14	.19	.22	.25	.147	24	.38
26	.24	.18	.35	.35	.35	.30	.37	.47	.42	.48	.45	.40	.27	.25	.20	.25	.17	.09	.09	.13	.11	.08	.04	.05	.253	24	.67
27	.04	.07	.06	.07	.09	.11	.10	.10	.06	.05	.05		.05	.05	.05	.05	.05	.05	.06	.06	.07	.07	.13	.09	.068	23	.21
28	.15	.13	.15	.15	.17	.24	.32	.40	.36	.15	.08	.07	.05	.11	.16	.15	.06	.04	.07	.09	.08	.07	.08	.05	.141	24	.48
29*	.07	.06	.07	.06	.08	.08	.08	.06	.05	.04	.04		.04	.04	.03	.03	.04	.06	.10	.16	.19	.22	.37	.28	.098	23	.41
MEAN	.11	.13	.14	.13	.15	.14	.14	.16	.15	.14	.13	.10	.08	.09	.07	.07	.07	.08	.09	.10	.10	.10	.12	.12	.113		
NO	29	29	29	29	29	29	29	29	29	27	27	24	28	28	28	28	27	29	29	29	29	29	29	29		681	
MAX	.30	.50	.43	.35	.52	.51	.37	.52	.53	.48	.51	.40	.27	.29	.20	.25	.17	.27	.35	.33	.22	.29	.37	.28	.253		.67

* Indicates Saturday or Sunday

Local standard time used

Table 3-146. MARCH, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1*	.36	.56	.28	.26	.43	.34	.32	.37	.35	.32	.14			.27	.26	.19	.28	.33	.34	.25	.27	.23	.24	.34	.305	22	.72
2	.31	.35	.55	.33	.29	.30	.34	.40	.31	.20	.10	.06	.06	.05	.05	.04	.06	.05	.06	.09	.17	.11	.12	.13	.188	24	.69
3	.08	.10	.11	.15	.19	.22	.23	.23	.26	.21	.22	.34	.20	.14		.12	.16	.13	.12	.12	.15	.14	.25	.45	.188	23	.49
4	.44	.35	.36	.36	.25	.27	.30	.36	.21						.05	.06	.05	.03	.07	.08	.12	.10	.07	.08	.188	19	.52
5	.08	.06	.04	.06	.06	.05	.06	.05	.05	.03	.05	.02	.07	.17	.23	.24	.15	.14	.01	.01	.01	.01	.01	.02	.069	24	.31
6	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.01	.01	.02	.01	.01	.02	.02	.02	.03	.03	.06	.04	.14	.18	.030	24	.20
7*	.13	.17	.12	.06	.08	.11	.06	.05	.09	.04	.06	.02	.06	.15	.14	.09									.090	16	.22
8*											.05		.02	.02	.02	.02	.02	.01	.02	.03	.05	.04	.03	.03	.028	13	.09
9	.06	.07	.10	.18	.11	.18	.13	.22	.36	.24	.28	.14	.39	.39	.18	.19	.22	.28	.19	.05	.03	.04	.06	.04	.171	24	.50
10	.08	.10	.11	.17	.27	.23	.14	.24	.27	.24	.26	.28	.19	.02	.03	.03	.04	.04	.02	.01	.01	.02	.02	.02	.117	24	.30
11	.01	.01	.00	.00	.00	.01	.01	.02	.01	.01	.01	.01		.02	.02	.01	.01		.21						.021	17	.41
12																											
13																											
14*																											
15*																											
16																											
17																											
18											.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	14	.00
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
20	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.03	.08	.04	.01	.01	.00	.008	24	.11
21*	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.02	.04	.02	.04	.02	.01	.03	.00	.00	.00	.00	.00	.00	.00	.008	24	.07
22*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.03	.04	.04	.04	.04	.05	.05	.06	.06	.05	.06	.06	.027	22	.07
23	.06	.08	.09	.08	.09	.10	.08	.06	.05	.05	.05			.05	.04	.05	.05	.05	.06	.07	.07	.09	.15	.18	.074	22	.28
24	.14	.15	.21	.18	.17	.18	.27	.44	.35	.34			.05	.05	.03	.03	.04	.03	.05	.06	.07	.06	.04	.04	.136	22	.50
25	.06	.08	.23	.23	.16	.24	.32	.36	.33	.22	.25	.24	.14	.09	.14	.16	.15	.18	.15	.11	.09	.19	.11	.04	.176	24	.49
26	.03	.03	.03	.03	.02	.03	.04	.07	.04	.03	.11	.12	.05	.09	.06	.04	.01	.02	.02	.02	.02	.02	.02	.02	.040	24	.20
27	.02	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.07	.08	.05	.030	24	.10
28*	.06	.07	.05	.07	.10	.12	.08				.04	.04	.04	.04	.04	.04	.04	.03	.03	.06	.03	.04	.07	.10	.056	21	.16
29*	.08	.06	.05	.07	.06	.08	.07	.07	.07	.04	.03	.03	.03	.03				.02	.02	.02	.02	.03	.03	.04	.044	21	.11
30	.03	.03	.03	.03	.04	.06	.05	.04	.04					.03	.03	.03	.03	.04	.04	.05	.05	.04	.04	.03	.038	20	.08
31	.03	.04	.02	.03	.04	.04	.06	.05	.04	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.05	.06	.06	.042	24	.08
MEAN	.09	.10	.10	.10	.10	.11	.11	.14	.13	.10	.08	.08	.07	.07	.06	.06	.06	.07	.07	.06	.06	.06	.07	.08	.085		
NO.	23	23	23	23	23	23	23	22	22	20	21	18	20	24	23	24	23	23	24	23	23	23	23	23		540	
MAX	.44	.56	.55	.36	.43	.34	.34	.44	.36	.34	.28	.34	.39	.39	.26	.24	.28	.33	.34	.25	.27	.23	.25	.45	.305		.72

* Indicates Saturday or Sunday

Local standard time used

Table 3-147. APRIL, 1964. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.16	.15	.08									.07	.06			.02	.02	.03	.02	.02	.05	.07	.09	.10	.10	.070	13	.19
2	.11	.09	.13	.20	.22	.19	.28	.40	.37	.14		.07	.08	.05	.05	.05	.08	.04	.04	.03	.04	.05	.05	.04	.05	.117	24	.45
3	.05	.07	.08	.27	.25	.26	.18	.31	.20	.16		.07	.08	.09	.07	.08	.06	.04	.02	.02	.03	.04	.05	.04	.04	.107	24	.40
4*	.03	.03	.02	.03	.03	.02	.02	.03	.03	.03		.04	.03	.03	.02	.02	.02	.02	.03	.03	.03	.04	.06	.06	.08	.031	24	.09
5*	.06	.05	.05	.05	.04	.05	.04	.04	.03	.05		.16	.11	.03		.13	.16	.15	.16	.12	.08	.08	.07	.06	.08	.080	23	.21
6	.10	.10	.11	.13	.11	.14	.13	.11	.09	.09		.10	.06	.07	.06	.07	.09	.11	.25	.26	.22	.15	.14	.15	.26	.129	24	.30
7	.20	.16	.24	.25	.16	.21	.14	.12	.29	.32		.51	.51	.22	.19	.15	.10	.13	.15	.18	.16	.17	.12	.10	.07	.201	24	.65
8	.05	.10	.15	.23	.29	.26	.40	.33	.31	.26		.22	.31	.11	.15	.09	.04	.05	.06	.06	.07	.06	.05	.05	.04	.154	24	.48
9	.04	.03	.04	.05	.04	.06	.06	.07	.05	.04		.04	.05	.05	.04					.05	.06	.07	.09	.10	.10	.055	20	.12
10	.11	.08	.09	.13	.15	.18	.23	.25	.10	.07		.05	.05	.04	.05	.10	.07	.06	.14	.08	.09	.24	.25	.22	.17	.125	24	.33
11*	.12	.09	.08	.08	.10	.10	.09	.07	.05	.03		.11	.08	.03	.03	.04	.08	.09	.10	.13	.05	.05	.05	.03	.04	.070	24	.20
12*	.08	.11	.13	.11	.12	.13	.17	.22	.24	.12		.04	.03	.03	.03	.03	.03	.02	.03	.03	.03	.05	.03	.05	.06	.080	24	.29
13	.10	.17	.25	.17	.15	.16	.23	.36	.31	.24		.09	.08	.03	.03	.03	.03	.03	.07	.06	.12	.14	.17	.07	.08	.131	24	.42
14	.06	.05	.03	.04	.03	.06	.06	.07	.06	.05		.05	.04	.06	.05	.04	.04	.03	.04	.03	.04	.04	.05	.04	.03	.045	24	.09
15	.04	.09	.04	.04	.05	.05	.08	.17	.08	.27		.41	.16	.12	.20			.15	.21	.10	.07	.14	.07	.04	.03	.117	22	.59
16	.03	.04	.04	.03	.03	.04	.07	.05	.05	.04		.05	.05	.04	.05	.03			.02	.03	.04	.05	.19	.27	.25	.067	22	.31
17	.24	.32	.30	.16	.16	.09	.12	.20	.23	.26		.28	.22	.23	.20	.20	.14	.16	.21	.32	.29	.41	.37	.16	.13	.224	24	.50
18*	.07	.21	.23	.24	.26	.23	.21	.18	.11	.07		.03	.04	.03	.02	.05	.02	.02	.02	.03	.07	.16	.18	.05	.05	.107	24	.35
19*	.03	.03	.03	.04	.04	.03	.03	.02	.02	.03		.07	.08	.06	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.030	24	.11
20	.02	.02	.02	.02	.02	.03	.03	.05	.06	.06		.05	.07	.09	.07	.07	.05	.06	.05	.07	.10	.10	.08	.05	.05	.053	24	.15
21	.04	.06	.04	.02	.04	.03	.09	.12	.12	.10		.11	.09	.08	.11	.09	.09	.05	.06	.04	.03	.04	.04	.04	.04	.066	24	.19
22	.04	.04	.04	.03	.06	.06	.06	.08	.12	.17		.17	.16	.11	.18	.16	.17	.10	.09	.12	.18	.17	.26	.18	.13	.119	24	.33
23	.09	.05	.06	.07	.05	.04	.07	.09	.06	.04						.03	.04	.03	.03	.03	.04	.05	.13	.27	.21	.073	20	.35
24	.15	.08	.07	.10	.04	.04	.05	.03				.03	.02	.03	.02	.03	.02	.02	.02	.01	.01	.02	.03	.03	.03	.040	22	.22
25*																												
26*																												
27	.08	.15	.16	.21	.25	.24	.29	.37	.23	.19		.08	.07	.05	.08	.08	.09	.08	.06	.03	.03	.04	.05	.04	.06	.125	24	.45
28	.07	.05	.06	.04	.04	.05	.05	.10							.03	.03	.03	.02	.01	.03	.04	.05	.03	.13	.03	.046	19	.18
29	.02	.02	.03	.02	.02	.04	.04	.08	.14	.13		.13	.17	.15	.17	.20	.18	.18	.17	.18	.20	.18	.23	.18	.08	.122	24	.27
30	.10	.07	.05	.06	.12	.16	.16	.16	.07	.11		.19	.13	.14	.13	.11	.11	.08	.08	.08	.10	.08	.10	.07	.06	.104	24	.22
MEAN	.08	.09	.09	.10	.11	.11	.12	.15	.14	.12		.13	.11	.08	.08	.08	.07	.07	.08	.08	.08	.10	.11	.09	.08	.097		
NO	28	28	28	27	27	27	27	27	25	25	2	25	25	25	25	26	25	26	27	28	28	28	28	28	28		641	
MAX	.24	.32	.30	.27	.29	.26	.40	.40	.37	.32		.51	.51	.23	.20	.20	.18	.18	.25	.32	.29	.41	.37	.27	.26	.224		.65

* Indicates Saturday or Sunday

Local standard time used

Table 3-148. MAY, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12:1	12	23	34	45	56	67	78	89	910	1011	1112	PM 12:1	12	23	34	45	56	67	78	89	910	1011	1112	24 HR AVG	NO OF HRS	5 MIN MAX
1	.05	.06	.06	.07	.06	.07	.08	.08	.10	.16	.15	.11	.12	.18	.11	.10	.08	.05	.05	.12	.11	.11	.14	.12	.097	24	.24
2*	.06	.04	.04	.04	.05	.04	.04	.06	.07	.08	.07	.05	.04	.04	.04	.03	.03	.03	.08	.08	.04	.08	.06	.05	.050	24	.12
3*	.04	.05	.04	.04	.05	.08	.10	.09	.08	.17	.12	.12	.03	.02	.03	.04	.02	.01	.01	.01	.04	.08	.09	.11	.060	24	.27
4	.11	.17	.17	.16	.16	.16	.16		.25	.31	.25	.16	.07	.06	.08	.04	.07	.09	.07	.07	.07	.07	.06	.06	.124	23	.43
5	.09	.12	.14	.17	.20	.23	.24	.25	.30	.36	.22	.11	.09	.11	.04	.03	.02	.02	.01	.02	.01	.07	.10	.08	.126	24	.46
6	.10	.08	.07	.07	.09	.10	.15	.15	.15					.03	.05	.03	.04	.04	.04	.03	.05				.074	17	.22
7											.21	.19	.15	.22	.14	.19	.24	.23	.26	.33	.27	.20	.18	.13	.211	14	.41
8	.14	.23	.22	.30	.23	.23	.32	.52	.30	.22	.06	.03	.02	.01	.02	.02	.02	.02	.19	.24	.21	.49	.53	.30	.202	24	.64
9*	.23	.34	.37	.32	.45	.48	.42	.39	.27	.34	.22	.06	.03	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.165	24	.72
10*	.00	.00	.00	.00	.00	.02	.00	.01					.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.04	.006	20	.06
11	.03	.02	.02	.03	.03	.03	.03	.05	.01	.02	.02	.01	.00	.01	.01	.01	.01	.01	.01	.01	.02	.03	.06	.06	.022	24	.16
12	.04	.04	.05	.10	.05	.09	.12	.14	.37	.34	.16	.31	.09	.16	.18	.20	.07	.03	.03	.10	.10	.04	.03	.08	.120	24	.60
13	.10	.06	.06	.13	.14	.23	.36	.32	.33	.29	.11	.10	.06	.10	.09	.08	.04	.03	.03	.03	.08	.04	.03	.05	.120	24	.46
14	.03	.03	.04	.04	.03	.01	.03	.04	.03	.03	.02	.02	.02	.01	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.017	24	.06
15	.00	.02	.03	.00	.01	.02	.03	.04	.05	.03	.02	.00	.00	.02	.06	.02	.01	.01	.02	.03	.02	.03	.04	.06	.022	24	.12
16*	.12	.17	.19	.20	.14	.23	.21	.16	.29	.23	.17	.15	.12	.10	.06	.07	.07	.10	.06	.02	.01	.07	.11	.20	.133	24	.35
17*	.35	.42	.19	.10	.07	.04	.04	.05	.04	.02		.04	.01	.01	.01	.01	.01	.00	.01	.00	.01	.02	.02	.01	.064	23	.54
18	.02	.02	.04	.08	.17	.19	.13	.04	.06	.04	.03	.02	.03	.06	.00	.00	.00	.00	.01	.01	.02	.07	.06	.04	.047	24	.28
19	.04	.05	.06	.06	.18	.26	.17	.20	.30	.25	.22	.16	.15	.14	.12	.14	.18	.19	.22	.15	.19	.22	.26	.35	.177	24	.44
20	.18	.03	.01	.01	.01	.01	.02	.02	.01							.00	.00	.00	.00	.00	.00	.00	.00	.00	.017	18	.29
21	.00	.00	.01	.00	.00	.01	.02	.04	.13	.08	.04	.07	.11	.08	.07	.08	.06	.09	.08	.07	.03	.02	.05	.08	.050	24	.15
22	.13	.16	.22	.22	.18	.24	.28	.25	.26		.21	.21	.18	.15	.14	.14	.18	.20	.16	.29	.52	.39	.52	.22	.236	23	.72
23*	.13	.06	.05	.05	.04	.09	.12	.15	.10	.05	.02	.03	.02	.01	.01	.01	.01	.01	.05	.08	.11	.30	.37	.35	.092	24	.46
24*	.21	.15	.10	.08	.40	.25	.25	.22	.22	.19	.05	.01	.01	.04	.05	.08	.09	.10	.16	.19	.34	.50	.31	.27	.178	24	.62
25	.14	.03	.02	.01	.00	.02	.02	.01	.00	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.02	.02	.03	.03	.04	.017	24	.29
26	.07	.05	.05	.03	.02	.04	.05	.06		.02	.01	.01	.01	.01	.01	.08	.12	.05	.13	.17	.22	.23	.19	.31	.083	23	.40
27	.25	.26	.27	.31	.29	.39	.26	.09				.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.00	.00	.00	.109	21	.44
28	.01	.03	.03	.02	.02	.03	.03	.02	.02	.01	.02	.01	.02	.01	.01	.01	.00	.01	.02	.00	.00	.01	.02	.01	.015	24	.04
29	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.004	24	.02
30*	.00	.01	.00	.00	.01	.02	.02	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.03	.05	.05	.013	24	.08
31*	.07	.11	.18	.13	.11	.06	.06	.06	.04	.04	.08	.16	.08	.04	.02	.01	.01	.01	.01	.00	.02	.03	.02	.04	.057	24	.20
MEAN	.09	.09	.09	.09	.11	.12	.13	.12	.14	.13	.10	.08	.05	.06	.05	.05	.05	.04	.06	.07	.08	.11	.11	.10	.086		
NO	30	30	30	30	30	30	30	29	27	25	26	28	29	30	30	31	31	31	31	31	31	30	30	30		710	
MAX	.35	.42	.37	.32	.45	.48	.42	.52	.37	.36	.25	.31	.18	.22	.18	.20	.24	.23	.26	.33	.52	.50	.53	.35	.236		.72

* Indicates Saturday or Sunday

Local standard time used

Table 3-149. JUNE, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.05	.06	.06	.07	.15	.21	.15	.28	.16	.15	.20	.14	.04	.05	.07	.04	.02	.03	.05	.06	.07	.06	.06	.06	.096	24	.43
2	.04	.03	.06	.04	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.02	.02	.05	.02	.07	.05	.03	.16	.22	.044	24	.33
3	.27	.24	.24	.27	.24	.16	.26	.30	.22	.11		.04	.02	.03	.10	.05	.02	.02	.02	.02	.01	.03	.02	.02	.116	23	.39
4	.02	.03	.02	.02	.07	.05	.04	.04				.00	.00			.04	.03	.03	.02	.02	.02	.03	.06	.05	.031	19	.12
5	.02	.01	.01	.01	.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.02	.05	.11	.08	.04	.022	24	.16
6*	.04	.04	.10	.14	.16	.09	.04	.07	.06	.05	.04	.06	.03	.02	.02	.02	.02	.03	.05	.03	.03	.03	.02	.01	.050	24	.18
7*	.02	.02	.02	.10	.22	.21	.28	.25	.17	.11	.11	.11	.08	.08	.02	.03	.01	.00	.01	.01	.00	.00	.01	.00	.078	24	.39
8	.07	.17	.10	.10	.10	.11	.18	.22	.19	.13	.06	.03	.05	.03	.02	.02	.02	.17	.06	.05	.07	.09	.15	.12	.097	24	.33
9	.11	.07	.06	.07	.09	.09	.22	.27	.49	.14	.06	.09	.05	.04	.06	.03	.03	.02	.02	.04	.03	.04	.05	.03	.090	24	.69
10	.02	.02	.03	.06	.17	.30	.39	.35	.48	.33	.22	.04	.03	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.109	24	.57
11	.01	.01	.01	.01	.01	.01	.01	.01							.00	.01	.00	.00	.02	.01	.01	.02	.07	.11	.018	18	.13
12																											
13*																											
14*										.10	.11	.05	.06	.12	.13	.16	.24	.15	.28	.08	.36	.18	.03	.01	.135	15	.56
15																											
16	.01	.01	.00	.01	.02	.01	.01	.00	.01	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.01	.02	.01	.02	.01	.007	24	.04
17	.02	.03	.02	.01	.02	.02	.02	.01	.02	.03	.02						.02	.01	.01	.01	.02	.02	.03	.03	.019	19	.04
18																											
19																											
20*																											
21*																											
22																											
23																											
24																											
25																											
26																											
27*																											
28*																											
29																											
30																											
MEAN																									.135	310	
NO	13	13	13	13	13	13	13	13	11	12	11	12	12	11	12	13	14	14	14	14	14	14	14	14			
MAX	.27	.24	.24	.27	.24	.30	.39	.35	.49	.33	.22	.14	.08	.12	.13	.16	.24	.17	.28	.08	.36	.18	.16	.22			.69

* Indicates Saturday or Sunday

Local standard time used

Table 3-150. JULY, 1964. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2	.12	.12	.12	.17	.07	.07	.10	.11	.24	.33	.34	.18	.21	.13	.06	.05	.10	.18	.10	.03	.05	.26	.27	.30	.154	24	.47
3	.44	.40	.24	.18	.20	.35	.45	.30	.20	.04	.14	.17		.11	.09	.04	.17	.16	.17	.03	.05	.17	.03	.03	.180	23	.67
4*	.01	.04	.01	.01	.01	.01	.02	.03	.01	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.012	24	.08
5*	.00	.01	.02	.02	.01	.02	.02	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.03
6																											
7																											
8																											
9																											
10																											
11*																											
12*												.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	13	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.02	.00	.00	.00	.00	.00	.01	.01	.01	.01	.003	24	.04
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.01	.00	.00	.00	.003	24	.04
15	.00	.00	.00	.00	.00	.00	.00	.00						.00	.00	.00	.00	.00	.00	.00	.03	.11	.18	.10	.022	19	.35
16																											
17								.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00			.006	15	.03
18*																											
19*																											
20																											
21																											
22																											
23																											
24	.02	.02	.03	.06	.04	.04	.07	.05	.10	.09	.04	.06	.07	.09	.13	.08	.06	.05	.04	.04	.05	.05	.04	.04	.055	24	.20
25*																											
26*																											
27																											
28	.00	.02	.02	.01	.01	.01	.02	.02	.00	.01	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.006	24	.03
29	.02	.00	.01	.02	.01	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.04	.01	.00	.00	.00	.007	24	.14
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
31																											
MEAN																											
NO	11	11	11	11	11	11	11	12	11	11	10	12	11	13	13	13	13	13	13	13	13	13	12	12		285	
MAX	.44	.40	.24	.18	.20	.35	.45	.30	.24	.33	.34	.18	.21	.13	.13	.08	.17	.18	.17	.04	.05	.26	.27	.30	.180		.67

* Indicates Saturday or Sunday

Local standard time used

Table 3-151. AUGUST, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4	.13	.12	.06	.05	.05	.07	.09	.10	.07	.08	.15	.10	.13	.09	.08	.08	.07	.09	.12	.05	.03	.03	.03	.06	.081	24	.25
5	.16	.38	.50	.25	.18	.16	.16	.20	.22	.22	.08	.08	.12	.06							.26	.09	.19	.17	.192	18	.55
6	.12	.07	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.03	.05	.19	.10	.043	24	.24
7	.19	.10	.11	.11	.29	.23	.19	.22	.24	.29	.27	.09	.03	.08	.05	.04	.03	.03	.04	.03	.06	.04	.03	.03	.117	24	.34
8*	.03	.03	.03	.04	.10	.17	.33	.29	.24	.20	.14	.04	.04	.04	.03	.03	.04	.02	.02	.02	.03	.03	.04	.03	.085	24	.39
9*	.03	.05	.04	.04	.04	.05	.05	.04	.03	.03	.05	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.024	24	.09
10	.05	.05	.03	.03	.03	.05	.14	.13	.10	.19	.09	.05	.03	.03	.03	.04	.03	.02	.02	.03	.03	.03	.04	.06	.054	24	.22
11	.05	.07	.07	.06	.04	.06	.07	.07	.03	.03	.06	.12	.02	.02	.01	.01	.01	.02	.02	.04	.04	.04	.04	.03	.042	24	.20
12	.01	.01	.01	.01	.01	.01	.03	.12	.15	.04	.02	.01					.01	.02	.01	.02	.02	.02	.02	.02	.028	20	.29
13	.02	.01	.02	.03	.05	.04	.05	.05	.02	.02	.02	.02	.02	.03		.03	.03	.02	.02	.02	.03	.04	.03	.03	.028	23	.08
14	.03	.03	.03	.03	.04	.04	.05	.04	.04	.03	.02	.01	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.029	24	.06
15*	.05	.04	.04	.03	.03	.03	.09	.04	.04	.03	.04	.03	.03	.03	.03	.03	.04	.04	.05	.06	.08	.09	.10	.32	.057	24	.40
16*	.18	.17	.21	.11	.10	.10	.08	.15	.29	.33	.14	.06	.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.05	.04	.094	24	.46
17	.03	.03	.05	.04	.05	.05	.06	.07	.07	.04	.03	.03	.04	.04	.04	.03	.03	.03	.04	.06	.17	.20	.22	.13	.065	24	.36
18	.06	.06	.10	.08	.07	.09	.20	.10	.08	.05	.03	.04	.03	.04	.03	.04	.06	.12	.25	.11	.06	.04	.04	.06	.075	24	.35
19	.05	.04	.04	.04	.04	.04	.05	.05	.05	.03	.03	.03			.03	.02	.02	.03	.03	.03	.06	.06	.07	.07	.041	22	.08
20	.06	.07	.08	.11	.06	.09	.11	.17	.18	.06	.07	.14	.04	.09	.07		.06	.06	.08	.06	.06	.07	.07	.10	.085	23	.31
21	.15	.13	.13	.10	.10	.09	.10	.08	.09	.10	.19	.22	.17	.10	.11	.10	.09	.09	.06	.07	.07	.08	.08	.07	.107	24	.26
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN	.08	.08	.09	.07	.07	.08	.10	.11	.11	.10	.08	.06	.05	.04			.03	.04	.05	.04	.06	.05	.07	.08	.068		
NO.	18	18	18	18	18	18	18	18	18	18	18	18	16	16	15	15	17	17	17	17	18	18	18	18		418	
MAX	.19	.38	.50	.25	.29	.23	.33	.29	.29	.33	.27	.22	.17	.10	.11	.10	.09	.12	.25	.11	.26	.20	.22	.32	.192		.55

* Indicates Saturday or Sunday

Local standard time used

Table 3-152. SEPTEMBER, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3																											
4																											
5*																											
6*																											
7																											
8																											
9																											
10																											
11																											
12*																											
13*																											
14																											
15																											
16																											
17																											
18																											
19*		.11	.06	.07	.06	.08	.08	.08	.06			.03	.03	.03	.02	.04	.03	.03	.03	.03	.05	.06	.04	.03	.049	21	.17
20*	.03	.03	.04	.04	.07	.09	.05	.08	.10	.06	.08				.04	.04	.04	.04	.04	.07	.07	.06	.06	.06	.056	21	.14
21	.06	.06	.06	.08	.10	.10	.11	.09	.08	.07	.09	.06	.05	.05	.07	.06	.06	.07	.12	.06	.10	.10	.08	.08	.076	24	.15
22	.09	.11	.06	.06	.07	.08	.08	.08	.07	.07	.07	.07	.08	.09	.09	.08	.07	.08	.09	.12	.14	.10	.08	.06	.083	24	.15
23	.06	.06	.06	.06	.07	.08	.08	.09	.06	.05	.06	.06	.07	.07	.07	.08	.07	.07	.08	.10	.10	.10	.10	.10	.074	24	.15
24	.10	.10	.10	.09	.08	.10	.10	.11	.08	.07	.06	.05	.05	.05	.05	.05	.05	.06	.06	.06	.06	.06	.06	.06	.071	24	.13
25	.06	.06	.05	.06	.06	.06	.06	.06	.05	.06	.06	.06	.06	.06	.06	.06	.05	.06	.06	.07	.09	.10	.10	.09	.064	24	.11
26*	.11	.13	.14	.15	.13	.12	.13	.18	.15	.42	.12	.18	.15	.11	.09	.16	.06	.06	.07	.06	.06	.06	.05	.06	.122	24	.50
27*	.07	.06	.06	.06	.07	.06	.07	.07	.06	.05	.09	.13	.07	.05	.06	.11	.07	.07	.09	.13	.13			.32	.089	22	.58
28	.14	.09	.13	.06	.06	.06	.06	.07	.09	.06	.06	.06	.08	.08	.11	.11	.15	.12	.10	.14	.14	.14	.11	.08	.095	24	.40
29	.08	.13	.08	.06	.08	.10	.11	.12	.15								.15	.14	.12	.15	.16	.15	.17	.18	.124	17	.20
30	.15	.12	.09	.09	.10	.11	.12	.11				.05	.05	.05	.05	.04	.05	.05	.05	.06	.08	.10	.11	.14	.084	21	.18
MEAN																											
NO	11	12	12	12	12	12	12	12	11	9	9	10	10	10	11	11	12	12	12	12	12	11	11	12		270	
MAX	.15	.13	.14	.15	.13	.12	.13	.18	.15	.42	.12	.18	.15	.11	.11	.16	.15	.14	.12	.15	.16	.15	.17	.32	.124		.58

* Indicates Saturday or Sunday

Local standard time used

Table 3-153. OCTOBER, 1964, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1	.13	.13	.12	.10	.13	.11	.14	.18	.19			.06	.05	.05	.05	.05	.04	.04	.04	.07	.06	.05	.04	.11	.087	22	.20
2	.18	.18		.16	.18	.17	.16	.19		.15	.15	.08	.05	.09	.09	.13	.16	.15	.15	.12	.11	.10	.06		.133	21	.20
3*		.08	.05	.05	.05	.05	.06	.06	.06	.05	.05	.05	.04	.05	.04	.05	.04	.04	.06	.10					.053	19	.14
4*																											
5	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.023	24	.03
6	.03	.03	.03	.03	.03	.03	.04	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.033	24	.07
7	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02				.02	.02	.02	.02	.03	.04	.04	.06	.04	.031	21	.09
8	.02	.02	.02	.02	.02	.03	.04	.07					.03	.03	.02	.02	.02	.02	.03	.02	.02	.03	.03	.03	.027	20	.09
9	.02	.03	.05	.04	.07	.08				.15	.04	.02	.02	.03	.02	.03	.02	.02	.02	.02	.03	.02	.02	.02	.036	21	.19
10*	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	24	.05
11*	.02	.02	.02	.02	.02	.02	.02	.02	.02			.02	.02	.02	.02	.02	.04	.03	.02	.03	.03	.04	.02	.02	.023	22	.12
12	.03	.02	.02	.03	.03	.05	.04	.05	.06	.07	.08	.06	.04	.04	.03	.03	.03	.04	.04	.04	.04	.06	.07	.05	.043	24	.20
13	.04	.05	.03	.03	.03	.04	.05	.05	.04	.04	.03	.03	.02	.05	.02	.02	.02	.02	.04	.02	.03	.03	.03	.05	.034	24	.13
14	.03	.04	.03	.03	.04	.07	.08	.06	.07	.03	.07	.02	.02	.02	.03	.02	.02	.03	.02	.02	.03	.03	.04	.03	.037	24	.21
15	.03	.03	.05	.03	.03	.03	.04	.07	.06	.08	.03	.04	.05	.04	.04	.03	.03	.03	.04	.03	.04	.05	.05	.03	.040	24	.13
16	.04	.04	.06	.03	.03	.03	.12		.03	.02	.05	.05	.03	.03	.03	.03	.03	.03	.03	.03	.02	.03	.02	.02	.036	23	.20
17*	.02	.02	.02	.02	.04	.02	.02	.02	.02	.02	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.02	.02	.02	.022	24	.10
18*	.02	.02	.02	.03	.02	.02	.02	.02	.02	.03	.04	.04	.04	.02	.02	.02	.03	.02	.02	.02	.03	.02	.02	.02	.024	24	.12
19	.00	.01	.02	.01	.04	.02	.01	.01	.03	.01	.00	.00				.00	.00	.02	.01	.00	.00	.00	.00		.009	20	.17
20	.00	.00	.01	.00	.00	.00	.00	.03	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.01	.01	.00	.00	.003	24	.17
21	.00	.00	.00	.00	.00	.02	.00	.02	.01	.01	.01	.02	.02	.02	.02	.00	.00	.00	.00	.00	.02	.00	.00	.08	.010	24	.17
22	.05	.01	.00	.03	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.03	.00	.00	.01	.00	.00	.00	.00	.00	.006	24	.16
23	.03	.00	.00	.00	.00	.02	.02	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.007	24	.17
24*	.01	.00	.00	.00	.00	.01	.04	.01	.01	.00	.00	.00	.02	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.006	24	.13
25*	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01		.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.02	.01	.008	23	.04
26	.01	.02	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.02	.01	.01	.02	.02	.02	.010	24	.04
27	.02	.02	.01	.01	.01	.01	.01	.07	.06	.04	.03	.04	.08	.04	.05	.02	.01	.02	.02	.02	.02	.03	.04	.04	.030	24	.16
28	.04	.03	.04	.02	.01	.03	.03	.03	.04	.11	.11	.05	.02	.01	.01	.01	.01	.00	.00	.01	.01	.02	.02	.02	.027	24	.44
29	.02	.02	.08	.04	.01	.01	.02	.01	.03	.03	.03	.03	.01	.01	.01	.01	.03	.03	.05	.03	.01	.01	.01	.01	.022	24	.42
30	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.004	24	.03
31*	.01	.01	.00	.00	.00	.00	.01	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.01	.01	.007	24	.04
MEAN	.03	.03	.03	.03	.03	.03	.04	.04	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.03	.028		
NO	29	30	29	30	30	30	29	28	27	27	27	28	28	28	28	30	30	30	30	30	29	29	29	27		692	
MAX	.18	.18	.12	.16	.18	.17	.16	.19	.19	.15	.15	.08	.08	.09	.09	.13	.16	.15	.15	.12	.11	.10	.07	.11	.133		.44

* Indicates Saturday or Sunday

Local standard time used

Table 3-154. NOVEMBER, 1964. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01		.01	.00	.00	.00	.01	.04	.01	.02	.02	.03	.02	.02	.02	.013	23	.11
2	.01	.01	.01	.01	.01	.01	.01	.01	.01	.05	.02	.04	.04	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	24	.15
3	.01	.01	.02	.01	.03	.02	.02	.04	.06	.02	.01	.03	.04	.04	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.022	24	.18
4	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.02	.02	.03	.03	.04	.03	.03	.02	.01	.03	.018	24	.07
5	.05	.08	.02	.03	.02	.04	.04	.03	.18	.48		.11	.03	.02	.02	.02	.02	.01	.01	.01	.01	.00	.01	.00	.054	23	.65
6	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.01	.006	24	.05
7*	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.03	.02	.02	.03	.012	24	.11
8*	.01	.01	.02	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	24	.05
9	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.013	24	.05
10	.02	.01	.02	.03	.03	.03	.04	.03	.01	.03	.03	.02	.01	.01	.01	.01	.10	.13	.13		.12		.10	.11	.046	22	.31
11																											
12																											
13																											
14*	.02		.02	.02	.02			.02	.03	.02		.03	.01	.01	.01	.01	.01	.01	.02	.03	.02	.03	.03	.02	.017	13	.04
15*															.00	.00	.00	.01	.02	.06	.06	.06	.07	.09	.030	17	.12
16					.16	.14			.11	.09	.08	.11	.10	.13					.13	.04	.02	.01	.01	.01	.080	14	.17
17	.05											.01	.02	.01	.01	.04	.02	.02	.03	.05	.10	.14	.06	.03	.040	14	.17
18	.03	.02	.03	.04	.04	.04	.07	.07	.06	.03	.03	.02	.02	.02	.03	.03	.03	.04	.05	.05	.05	.08	.14	.16	.048	24	.18
19	.14	.09	.12			.12	.12	.16			.15		.16	.10	.07	.10	.09	.12	.12	.08	.07	.15		.07	.113	18	.18
20	.09	.05	.05	.05	.46			.04	.04	.05	.05	.04	.03	.03	.03	.03	.03	.05	.06	.06	.07	.09	.10	.14	.074	22	.48
21*	.18	.14			.12	.11		.13	.07	.05	.04	.04	.04	.04	.03	.04	.04	.05	.04	.04	.04	.04	.04	.04	.064	21	.38
22*	.04	.05	.05	.06	.05	.05	.07	.07	.05	.05	.04	.04			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.034	22	.09
23	.01	.01	.02	.02	.02	.03	.04	.04	.04	.05	.03	.03	.03	.03	.05	.06	.06	.13		.06	.06	.04	.04	.03	.039	23	.18
24	.02	.02	.02	.02	.02	.03	.03	.04	.08			.04	.03		.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.032	21	.14
25	.03	.03	.04	.03	.03	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.028	24	.07
26	.01	.02	.03		.08	.04	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	23	.11
27	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.04	.07	.025	24	.10
28*	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.025	24	.05
29*	.02	.03	.03	.03	.02	.02	.02	.01	.01	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.019	23	.04
30	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.02	.02	.04	.02	.02	.02	.01	.01	.01	.01	.01	.03	.014	24	.13
MEAN	.03	.03	.03	.02	.05	.04	.03	.04	.04	.05	.03	.03	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.032		
NO	25	23	23	21	24	23	21	24	24	23	21	25	24	24	26	26	26	26	26	26	27	26	26	27		587	
MAX	.18	.14	.12	.06	.46	.14	.12	.16	.18	.48	.15	.11	.16	.13	.07	.10	.10	.13	.13	.08	.12	.15	.14	.16	.113		.65

* Indicates Saturday or Sunday

Local standard time used

Table 3-155. JANUARY, 1955. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2*																											
3*																											
4																											
5																											
6																											
7																											
8																											
9*																											
10*																											
11																											
12																											
13																											
14																											
15																											
16*																											
17*																											
18		.13			.12	.15	.10		.13	.11		.10	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.050	19	.17
19	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.02	.08	.03	.01	.01	.014	24	.17
20	.03		.03	.01	.01							.06	.07	.07	.02	.01	.02	.10	.00	.00	.01	.00	.00	.00	.026	17	.16
21	.00	.01	.01	.01	.01	.01	.01	.02	.01	.01	.00	.01	.01	.01	.01	.01	.01	.03	.11		.15		.48	.48	.064	22	.56
22																											
23*			.51		.12	.09	.04	.01	.01	.01	.05	.04	.04	.04	.04	.04	.03	.04	.05	.06	.05	.04	.05	.04	.066	21	.56
24*	.05	.06	.05	.03	.05	.04	.05	.05	.04	.05	.05	.05	.06	.08	.08	.10	.09	.11	.12	.11	.07	.03	.05	.06	.064	24	.15
25	.04	.05	.04	.05	.06	.09	.10	.09	.11	.06	.04	.04	.02	.01	.01	.01	.02	.03	.04	.03	.03	.04	.06	.08	.047	24	.25
26							.16	.13	.12	.09	.05	.05	.04	.09	.10	.03	.10	.10	.12		.16			.06	.092	15	.18
27	.02	.01	.02	.01	.01	.01	.02	.03	.04	.02	.02	.03	.02	.02	.02	.02	.02	.01	.02	.01	.01	.02	.01	.01	.018	24	.08
28																											
29		.03	.03	.03	.03	.03	.04	.04	.08	.09	.04	.08	.05	.05	.03	.03	.03	.04	.04	.04	.04	.03	.04	.03	.041	23	.11
30*	.05	.06	.04	.02	.03	.03	.04	.04	.07				.14	.14	.14		.05	.05	.05	.05	.05	.07	.09	.14	.066	20	.18
31*	.11		.12	.14	.16	.15	.16			.09	.07	.06	.04	.05	.04	.04	.04	.04	.06	.06	.08	.07	.07	.07	.081	21	.17
MEAN																											
NO	8	8	10	9	11	10	11	9	10	10	9	11	12	12	12	11	12	12	12	10	12	10	11	12		254	
MAX	.11	.13	.51	.14	.16	.15	.16	.13	.13	.11	.07	.10	.14	.14	.14	.10	.10	.11	.12	.11	.16	.07	.48	.48	.092		.56

* Indicates Saturday or Sunday

Local standard time used

Table 3-156. FEBRUARY, 1965. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.08	.09	.10	.13	.13	.12	.14				.16	.11	.08	.08	.06	.04	.07	.09	.05	.04	.09	.11			.092	19	.17
2		.09	.05	.06	.06	.05	.05	.04	.05	.03	.03	.07	.06	.05	.04	.04	.05	.04	.05	.06	.06	.06	.06	.06	.052	23	.17
3	.06	.06	.05	.05	.04	.04	.04	.04	.05	.09	.06	.06	.07	.08	.05	.07	.07	.06	.06	.08	.09	.09	.09	.09	.064	24	.18
4	.08	.07	.07	.06	.05	.04	.04	.04	.12	.09	.06	.05	.05	.07	.07	.05	.04	.06	.07	.07	.07	.08	.07	.07	.065	24	.28
5	.07	.08	.12	.15	.12	.10	.10	.12	.12	.12	.30	.40		.16	.13	.11	.10	.10	.11	.12	.13	.12	.11	.32	.143	23	.43
6*																											
7*			.16	.16	.17	.16	.15								.12	.05	.05	.05	.05	.05	.05	.05	.05	.05	.092	15	.18
8	.05	.05	.06	.07	.10	.16	.16	.16	.16		.42	.17	.07	.06	.06	.08	.08	.07	.09	.09	.07	.09	.06	.06	.105	23	.47
9	.07	.04	.04	.04	.06	.06	.06	.06	.07	.06	.07	.15				.08	.07	.07	.08	.06	.05	.07	.06	.05	.064	21	.17
10	.07	.05	.05	.07	.07	.10	.08	.13	.13	.09	.07					.14	.09	.11	.16					.15	.097	16	.18
11	.10	.09	.08	.10	.08	.08	.08		.10	.08	.09	.07	.06	.05	.07	.13	.16	.13	.16	.12	.13	.14	.13	.14	.103	23	.18
12	.13	.10	.09	.08	.08	.09	.08	.09	.12	.14	.14	.17						.41	.40			.44			.170	15	.56
13*	.07	.09	.06	.04	.04	.04	.04	.04	.06	.05	.04	.05	.05	.04	.07	.07			.05	.06	.06	.05	.04	.03	.051	22	.10
14*	.03	.02	.03	.02	.02	.02	.02	.02	.02	.03	.07	.08	.11	.07	.05	.06	.05	.04	.05	.06	.04	.05	.04	.06	.044	24	.16
15																											
16																											
17	.11	.13	.13	.11	.09	.09	.07	.07	.07		.06		.09				.14	.10	.09	.08	.09	.08	.08	.10	.093	19	.18
18	.08	.05	.06	.04					.13	.11	.06	.06	.05	.06	.05	.05	.03	.04	.04	.04	.07	.09	.07	.05	.061	20	.16
19	.04	.04	.05	.06	.06	.06	.05	.05	.05	.05	.05	.03	.03	.04	.03	.03	.04	.04	.03	.04	.03	.04	.04	.04	.041	24	.13
20*	.05	.04	.04	.04	.06	.07	.06	.06	.06	.05	.06	.08	.07	.06	.06	.09	.03	.03	.04	.04	.05	.08			.055	22	.18
21*																											
22		.04	.02	.03	.03	.03	.03	.03	.03	.03	.02	.03	.03	.04	.04	.04	.03	.03	.04	.04	.04	.05	.04	.05	.034	23	.07
23	.05	.04	.04	.04	.04	.04	.07	.06	.05	.04	.04	.04	.05		.03	.04	.07	.04	.06	.09	.13	.11	.13		.058	22	.16
24			.11	.10	.19	.13					.11	.08	.08	.07	.05		.05	.10	.12	.15	.14		.13		.106	15	.42
25		.14	.10	.06	.08							.12	.04	.05	.06				.05	.04	.04	.04	.05	.06	.067	14	.17
26	.06	.06	.07	.06	.05	.06	.06	.06	.07	.06	.06	.05	.05	.05	.05	.07	.05	.05	.04	.04	.05	.05	.04	.04	.054	24	.09
27*	.04	.04	.04	.05	.06	.07	.09	.11	.08	.06	.06	.05	.05	.05	.06								.13	.15	.069	17	.17
28*				.43							.11	.08	.06	.04	.04	.04	.04	.05	.05	.05	.05	.05	.04	.03	.077	15	.51
MEAN	.07	.07	.07	.08	.08	.08	.07	.07	.08	.07	.10	.09	.06	.06	.06	.07	.07	.08	.08	.07	.07	.09	.07	.08	.075		
NO	18	21	23	24	22	21	20	17	19	17	22	21	19	18	20	19	20	21	23	21	21	21	20	19		487	
MAX	.13	.14	.16	.43	.19	.16	.16	.16	.16	.14	.42	.40	.11	.16	.13	.14	.16	.41	.40	.15	.14	.44	.13	.32	.170		.56

* Indicates Saturday or Sunday

Local standard time used

Table 3-157. MARCH, 1965, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN. MAX.
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.04	.03	.04	.04	.04	.05	.06	.11	.09	.07	.05	.04	.03	.03	.03	.03	.02	.03	.03	.04	.06	.08	.13	.16	.055	24	.17
2		.15	.10	.09	.09	.10	.13	.15	.10	.09	.15		.07		.17	.17			.13	.12	.11	.16			.120	17	.18
3										.13	.13	.14	.15			.16	.09	.09	.11	.11	.11	.15	.13	.13	.125	13	.18
4																											
5	.07	.07	.07	.08	.06	.08	.15		.13	.17		.11	.15	.09	.14	.15	.14	.08	.06	.07	.08	.07	.07	.06	.096	22	.18
6*	.06	.10	.11							.16	.11	.15	.09	.07	.13	.08		.08	.04	.08	.10	.10	.08	.07	.094	17	.18
7*	.06	.07	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.03	.04	.04	.07	.040	24	.12
8	.08	.09	.14	.15	.13	.14	.11	.08	.08	.10	.05	.04	.03	.03	.03	.03	.04	.03	.04	.04	.04	.06	.04	.04	.068	24	.17
9	.04	.04	.06	.06	.06	.07	.07	.09	.07	.07	.07	.05	.04	.04	.04	.04	.05	.05	.05	.06	.05	.06	.07	.08	.056	24	.10
10	.10	.14	.17	.06	.04	.05	.07	.08	.07	.05	.04	.04	.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.058	24	.18
11	.05	.04	.04	.04	.04	.04	.06	.04	.05	.04	.04		.04	.04	.04	.04	.05	.04	.04	.06	.05	.05	.05	.07	.044	23	.12
12	.06	.06	.07	.04	.04	.06	.09	.08	.06	.05	.05	.04	.05	.05	.04	.04	.04	.04	.04	.05	.05	.05	.05	.04	.052	24	.12
13*	.04	.04	.05	.05	.04	.07	.12	.09	.07	.10	.07	.06	.05	.05	.05	.05		.02	.04	.04	.05	.04	.07	.08	.058	23	.13
14*	.08	.06	.05	.06	.07	.06	.10	.12		.07	.05	.04	.04	.06	.04	.04	.13	.12	.15	.11	.07	.05	.06	.05	.072	23	.17
15	.07	.07	.09	.06	.04	.03	.03	.03	.04	.04	.04	.04	.03	.04	.04	.04	.05	.04	.04	.04	.04	.05	.05	.07	.045	24	.16
16	.06	.07	.06	.07	.08	.14					.11	.04	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.052	20	.18
17	.05	.05	.09	.06	.05	.05	.09	.08	.04	.04			.06	.04	.04	.05	.05	.07	.04	.05	.03	.03	.10	.12	.059	22	.17
18	.11	.14	.05	.05	.07	.09	.11	.11			.10	.07	.07	.11	.06	.07						.10	.12	.09	.088	17	.17
19	.10	.07	.07	.08	.09	.06	.06	.07	.09		.07	.04	.04	.04	.04	.03	.03	.04	.04	.07	.07	.08	.07	.05	.061	23	.17
20*	.07	.08	.04	.04	.05	.05	.06	.06	.10	.14	.11	.08	.06	.06	.06	.06	.05	.08	.11	.07	.07	.07	.10	.08	.074	24	.15
21*																											
22																											
23									.43			.12	.16	.16	.15	.12	.13	.11	.09	.06	.06	.05	.05	.08	.125	14	.45
24	.09	.08	.07	.08	.06	.04	.04	.04	.04	.04	.03	.03	.03	.04		.08	.16							.11	.062	17	.18
25	.11	.11	.06	.07	.10			.07	.09	.13			.16	.08	.09	.08	.05	.04	.03	.07	.09	.07	.10	.09	.083	20	.17
26	.09	.08	.11	.15	.11	.10	.12	.14	.08	.08	.08	.12	.10												.103	13	.18
27*																											
28*																											
29																											
30												.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.031	13	.05
31	.03	.02	.03	.03	.03	.06	.06	.05	.05	.04	.04	.02	.02	.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.05	.034	24	.08
MEAN	.07	.07	.07	.07	.06	.07	.08	.08	.09	.08	.07	.06	.06	.05	.06	.06	.06	.05	.06	.06	.06	.06	.07	.07	.067		
NO.	21	22	22	21	21	20	19	19	19	20	20	21	25	22	22	24	20	21	22	22	22	23	22	23		513	
MAX	.11	.15	.17	.15	.13	.14	.15	.15	.43	.17	.15	.15	.16	.16	.17	.17	.16	.12	.15	.12	.11	.16	.13	.16	.125		.45

* Indicates Saturday or Sunday

Local standard time used

Table 3-158. APRIL, 1965, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.08	.05	.04	.05	.05	.06	.07	.08	.05	.05	.07						.12		.12	.10	.07	.06	.08	.08	.071	18	.17
2																											
3*																											
4*												.03	.03	.03	.03	.04	.03	.03	.03	.05	.06	.06	.10	.09	.046	13	.15
5	.09	.09	.05	.07	.07					.07	.05	.11	.06	.04	.03	.04	.04	.04	.04	.06	.09				.060	17	.17
6			.06	.10	.13	.11	.11	.12						.12	.08	.09	.11	.11	.06	.10	.09	.09		.11	.099	16	.17
7	.04	.06	.04	.03	.03	.03	.04	.07		.05	.09	.10		.05	.05	.05	.05	.05	.04	.05	.08	.05	.07	.05	.053	22	.13
8																											
9		.08	.09	.08	.08	.08	.07	.07	.08	.09	.04	.03	.02	.03	.03	.03	.02	.03	.04	.04	.02	.03	.03	.03	.049	23	.14
10*	.03	.03	.05	.07	.06	.07	.10	.08	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03		.05	.05	.039	23	.12
11*	.04	.05	.06	.06	.07	.09	.09	.10	.13	.07	.06	.04	.03	.04	.04	.04	.06	.09	.08	.06	.07	.07	.07	.06	.065	24	.16
12	.05	.04	.04	.05	.06	.07	.12		.12					.06	.03	.04	.03	.03	.02	.03	.03	.04	.04	.04	.049	19	.17
13	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03	.04	.030	24	.06
14	.04	.04	.04	.04	.05	.06	.04	.04	.04		.01	.02	.02	.02	.02	.02	.03	.02	.03	.04	.04	.05	.05	.05	.035	23	.07
15	.06	.06	.12										.07	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.03	.046	15	.17
16	.03	.03	.05	.07	.04	.06	.06	.08	.06	.04		.01	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.01	.01	.026	23	.11
17*	.00	.01	.01	.03	.03	.03	.04	.02	.01	.01	.01	.02	.01	.01	.09	.10	.13	.04	.02	.03	.07	.06	.04	.08	.037	24	.17
18*	.12	.08	.04	.01	.01	.01	.01	.01	.00	.01	.10		.02	.02	.03	.02	.02	.01	.01	.02	.02	.04	.03	.04	.029	23	.14
19	.04	.05	.05	.04	.07	.12	.15	.16	.15			.13				.16	.14	.05	.03	.03	.04	.03	.05	.08	.082	19	.18
20																											
21	.13	.12	.14	.13	.12	.14					.15	.09	.05	.05	.06	.03		.03	.04	.06	.06	.04	.04	.07	.082	19	.18
22	.14			.49		.15	.07	.10	.07	.04	.04	.03	.02	.01	.02	.01		.05	.03	.02	.00	.00	.00	.00	.064	20	.55
23	.00	.01	.00	.01	.05	.09	.05	.03	.01	.03	.06	.06	.06	.10	.09	.07	.11	.16		.14	.13	.09	.07	.07	.065	23	.17
24*	.07	.05	.04	.04	.03	.03	.03	.03	.02	.01	.01	.01	.03	.04	.04	.04	.03	.02	.01	.02	.02	.03	.02	.04	.029	24	.09
25*	.02	.02	.01	.03	.05	.03	.05	.04	.02	.03	.02	.03	.02	.02	.01	.02	.02	.02	.03	.03	.03	.02	.03	.03	.025	24	.07
26	.03	.02	.01	.02	.05	.06	.12	.14			.16	.12		.12	.13	.13	.12	.13		.15	.07	.14	.07	.05	.092	20	.18
27	.03	.04	.04	.04	.05	.09	.15	.12	.05	.03	.04	.04	.03	.04	.04	.04	.04	.06	.04	.07	.09	.07	.07	.05	.056	24	.17
28	.04	.04	.03	.04	.04	.04	.04	.04	.03	.03	.02	.03	.03	.03	.03		.03	.03	.04	.05	.05	.04	.05	.06	.035	23	.09
29	.07	.04	.04	.05	.13	.08	.13	.08			.04	.03	.02	.02	.02	.02	.01	.02	.01	.03	.03	.04	.04	.08	.046	22	.17
30	.08	.15	.12	.08	.09	.10	.11	.12		.04	.04	.04	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.051	23	.17
MEAN	.05	.05	.05	.07	.06	.07	.08	.07	.05	.04	.05	.05	.03	.04	.04	.05	.05	.04	.04	.05	.05	.05	.04	.05	.051	548	
NO.	23	23	24	24	23	23	22	21	17	17	20	21	20	24	24	24	24	25	24	26	26	24	24	25			
MAX	.14	.15	.14	.49	.13	.15	.15	.16	.15	.09	.16	.13	.07	.12	.13	.16	.14	.16	.12	.15	.13	.14	.10	.11	.099		.55

* Indicates Saturday or Sunday

Local standard time used

Table 3-159. MAY, 1965. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01		.03	.02	.02	.02	.03	.03	.05	.06	.08	.06	.05	.06	.06	.08	.11	.08	.02	.06	.11		.06	.14	.057	22	.17
2*	.08	.09	.15	.12			.15	.15			.10			.10	.09	.12	.11	.13	.14	.12	.06	.04	.05	.03	.102	18	.18
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN																											
NO	2	1	2	2	1	1	2	2	1	1	2	1	1	2	2	2	2	2	2	2	2	1	2	2		40	
MAX	.08	.09	.15	.12	.02	.02	.15	.15	.05	.06	.10	.06	.05	.10	.09	.12	.11	.13	.14	.12	.11	.04	.06	.14	.102		.18

* Indicates Saturday or Sunday

Local standard time used

Table 3-160. JULY, 1965. HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX.
1																											
2	.08	.09	.08	.15	.14	.14	.18	.20	.28	.10	.03	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.074	24	.36
3*	.02	.04	.03	.03	.02	.02	.04	.08	.09	.08	.07	.06	.07	.08	.06	.03	.04	.12	.13	.10	.08	.05	.04	.04	.058	24	.17
4*	.04	.07	.07	.04	.04	.06	.07	.05	.03	.03	.03	.03	.03	.03	.03	.03		.02	.02	.03	.03	.04	.03	.03	.039	23	.09
5	.04	.04	.03	.06	.05	.07	.07	.04	.06	.03	.03	.03	.03	.04	.03	.03	.04	.03	.03	.05	.04	.06	.06	.07	.044	24	.09
6	.06	.05	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.06	.06	.08	.038	24	.09
7	.08	.08	.07	.05	.06	.07	.06	.06	.05	.05	.04	.04	.03	.05	.05	.05	.04	.03	.03	.04	.03	.03	.03	.03	.047	24	.09
8	.05	.13	.12	.16	.07	.05	.03	.03	.03	.05			.05	.04	.05		.07	.06	.04	.11					.066	17	.22
9																											
10*	.03	.03	.14	.15	.07	.04	.03	.03	.03	.03		.03	.03	.03	.03	.03	.04	.08	.05	.03	.03	.03	.04	.06	.047	23	.22
11*	.04	.07	.04	.03	.03	.04	.04	.07	.05	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.034	24	.09
12	.03	.03	.03	.03	.02	.02	.02	.03	.03	.12	.30	.21	.11	.13	.08	.07	.05	.06	.02	.03	.02	.04	.03	.04	.064	24	.33
13	.03	.03	.07	.06				.09	.15	.11	.03	.05	.05	.02	.03	.05	.05	.02	.01	.01	.01	.01	.04	.06	.046	21	.47
14	.09	.10	.18	.18	.12	.16	.25	.21	.20	.19	.17	.16	.15				.14	.19		.23					.168	16	.37
15		.03	.03	.02	.02	.03	.03	.02					.04	.04	.04	.04	.03	.03	.02	.02	.02	.03	.04	.05	.029	19	.05
16	.04	.04	.03	.03	.03	.05	.10	.21	.18	.11	.05	.04	.07	.05	.05	.05	.04	.05	.06	.06	.05	.07	.05	.04	.063	24	.28
17*	.09	.10	.14	.15	.17	.21	.17	.08	.15	.21	.20	.13	.09	.09	.06	.06	.05	.03	.03	.03	.03	.03	.03	.02	.097	24	.29
18*	.02	.02	.03	.06	.08	.09	.07	.11	.11	.13	.08	.06	.06	.06	.04	.03	.03	.04	.03	.03	.03	.04	.04	.02	.054	24	.17
19	.02	.03	.03	.02	.03	.02	.03	.02	.02	.02	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.028	24	.06
20	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.04	.06	.028	24	.12
21	.07	.08	.04	.03	.05	.05	.04	.04	.03	.03	.02	.02	.02	.02			.05	.04	.03	.03	.03	.05	.08	.04	.040	22	.11
22	.05	.13	.17	.19	.13	.15	.22	.28	.19	.17	.14	.11	.07	.07	.06	.05	.02	.02	.02	.02	.02	.02	.02	.01	.096	24	.34
23	.02	.03	.05	.04	.02	.02	.02	.04	.09	.08	.12	.11	.08												.053	13	.16
24*																											
25*																											
26											.02	.02	.02	.03	.03	.02	.02	.01	.01	.01	.01	.01	.05	.08	.023	14	.11
27	.03	.02	.03	.04	.07	.05	.05	.15	.12	.06	.15	.30	.27	.11	.07	.09	.08	.10	.09	.12	.06	.03	.01	.01	.088	24	.41
28	.02	.02	.02	.03	.03	.03	.07	.15	.07	.03	.04	.04	.05		.04		.11			.04	.03	.02	.03	.03	.045	20	.26
29	.02	.03	.03	.02	.02	.02	.02	.02	.03	.03	.05				.10				.11	.09	.04	.05	.04	.05	.041	18	.14
30	.04	.07	.06	.04	.04	.07	.05	.11	.11	.15	.15	.08	.08	.06	.03	.04	.06	.07	.09	.04	.02	.03	.03	.05	.064	24	.19
31*	.06	.06	.06	.03	.03	.05	.04	.15	.14	.11	.04	.02	.03	.04	.04	.02	.01	.01	.02	.01	.01	.01	.03	.03	.043	24	.27
MEAN	.04	.05	.06	.06	.06	.06	.07	.09	.09	.08	.08	.07	.06	.05	.04	.04	.05	.05	.04	.05	.03	.03	.04	.04	.056		
NO.	25	26	26	26	25	25	25	26	25	25	24	24	26	23	24	21	24	24	24	26	24	24	24	24		590	
MAX	.09	.13	.18	.19	.17	.21	.25	.28	.28	.21	.30	.30	.27	.13	.10	.09	.14	.19	.13	.23	.08	.07	.08	.08	.168		.47

* Indicates Saturday or Sunday

Local standard time used

Table 3-161. AUGUST, 1965, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.02	.04	.04	.02	.02	.03	.03	.03	.03	.02	.03	.03	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.018	24	.06
2	.01	.00	.00	.00	.03	.03	.11	.08	.14	.11	.10	.09	.09	.07	.05	.06	.04	.01	.01	.01	.01	.01	.01	.01	.045	24	.17
3	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.03	.04	.05	.06	.07	.020	24	.08
4	.07	.07	.07	.07	.07	.08	.10	.17	.32	.32	.07	.06	.04	.02	.03	.04	.02	.01	.01	.04	.04	.03	.04	.03	.075	24	.48
5	.02	.01	.01	.02	.05	.02	.05	.10	.07	.08	.11	.09	.11	.11	.09	.07	.04	.02	.03	.02	.02	.01	.02	.04	.049	24	.16
6	.10	.10	.09	.08	.11	.20	.11	.20	.22	.07	.04	.05	.04	.06	.06	.05	.02	.01	.01	.01	.01	.01	.05	.02	.071	24	.26
7*	.05	.08	.08	.06	.05	.05	.09	.16	.10	.16		.03	.03			.08	.03	.01	.01	.01	.02	.04	.02	.01	.055	21	.25
8*	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.02	.011	24	.07
9	.09	.02	.01	.01	.01	.01	.01	.01	.03	.06	.02	.05	.09	.06	.06	.06	.04	.02	.04	.02	.04	.03	.04	.02	.034	24	.14
10	.03	.10	.17	.11	.03	.03	.05	.05	.03	.03	.02	.02	.02	.02	.09	.10	.02	.02	.01	.01	.02	.03	.04	.04	.044	24	.23
11	.03	.03	.03	.04	.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.019	24	.04
12																											
13																											
14*																											
15*																											
16																											
17																											
18																											
19					.03	.04	.08	.16	.16		.23	.05	.04	.03			.02	.01	.01	.00	.01	.01	.02	.03	.054	17	.36
20	.05	.03	.01	.01	.01	.01	.02	.02	.03	.04	.05	.05	.04									.05	.05	.06	.031	16	.07
21*	.07	.08	.08	.08	.08	.08	.10	.16	.32	.08	.05	.06	.10	.07	.05				.03	.03	.04	.08	.08	.06	.084	21	.43
22*	.05	.08	.12	.05	.03	.03	.03	.03	.03	.03	.04	.03	.03	.04	.04	.03	.04	.06	.05	.04	.04	.04	.04	.03	.043	24	.14
23	.04	.04	.05	.08	.09	.08	.05	.08	.07	.08	.05	.03	.03	.03	.03	.03	.02	.02	.03	.04	.05	.05	.05	.06	.048	24	.10
24	.07	.07	.07	.07	.07	.08	.08	.08	.06	.04	.03					.04	.04	.03	.04	.05	.05	.05	.05	.06	.056	20	.09
25	.05	.08	.09	.09	.17	.16	.17	.15			.20	.12	.14	.11	.08		.12	.15	.12	.07	.12	.15	.10	.10	.121	21	.27
26	.11	.08	.08	.07	.09	.07	.07	.07	.04	.04	.04	.06	.09	.14	.18	.12	.16	.14	.12	.13	.28	.09	.02	.03	.095	24	.39
27	.03	.03	.02	.02	.03	.04	.07	.07	.05	.05	.05	.04	.06	.04	.13	.10	.37	.36	.28	.38	.49	.43	.14	.03	.137	24	.62
28*																											
29*																											
30																											
31	.08	.06	.12	.12	.11	.17	.21	.39	.11	.11	.07	.04	.03	.02	.02	.02	.02	.03	.02	.03	.02	.03	.09	.06	.082	24	.49
MEAN	.05	.05	.06	.05	.05	.06	.07	.10	.09	.07	.06	.05	.05	.05	.05	.05	.06	.05	.04	.05	.07	.06	.05	.04	.057		
NO.	20	20	20	20	21	21	21	21	20	19	20	20	20	18	17	17	19	19	20	20	20	21	21	21		476	
MAX	.11	.10	.17	.12	.17	.20	.21	.39	.32	.32	.23	.12	.14	.14	.18	.12	.37	.36	.28	.38	.49	.43	.14	.10	.137		.62

* Indicates Saturday or Sunday

Local standard time used

Table 3-162. SEPTEMBER, 1965, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.04	.02	.01	.01	.06	.05	.03	.01	.01	.02			.01	.01	.01		.02	.01	.05	.01	.01	.02	.02	.03	.021	21	.17
2	.05	.05	.05	.02	.02	.05	.04	.04	.05	.03	.02	.02	.02	.03	.02	.03	.02	.01	.01	.01	.02	.04	.18	.18	.042	24	.24
3	.13	.11	.12	.08	.07	.07	.07	.14	.31	.67	.44	.04	.04	.04	.06	.05	.04	.03	.02	.06	.04	.04	.07	.03	.114	24	.76
4*	.04	.03	.09	.12	.11	.15	.19	.19	.32	.23	.09	.06	.01	.02	.05	.02	.02	.00	.01	.01	.01	.01	.01	.02	.076	24	.36
5*	.03	.08	.03	.04	.02	.02	.03	.03	.07	.16	.07	.07	.05	.02	.02	.05	.01	.02	.01	.01	.00	.00	.00	.03	.036	24	.24
6	.07	.02	.02	.02	.02	.03	.05	.06	.04	.06	.15	.04	.10	.12	.08	.07	.06	.09	.11	.05	.06	.21	.12	.08	.072	24	.25
7	.05	.04	.03	.05	.10	.07	.07	.08	.08	.07	.11	.17	.20	.13	.09	.03	.02	.02	.03	.03	.05	.08	.19	.19	.081	24	.34
8	.21	.13	.12	.08	.05	.07	.09	.09	.07	.05	.03	.02	.03	.03	.03	.02	.03	.03	.03	.03	.03	.04	.04	.04	.057	24	.27
9	.03	.03	.02	.04	.06	.13	.18	.21	.13			.01	.01	.02	.02		.05	.03	.02	.02	.01	.02	.06	.08	.055	21	.27
10	.08	.04	.09	.10	.09	.21	.26	.57	.45	.40	.39	.35	.24	.20	.21	.17	.23	.10	.11	.03	.44	.42	.32	.40	.246	24	.79
11*	.16	.29	.22	.10	.10	.06	.09	.05	.07				.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.054	21	.43
12*	.04	.02	.03	.03	.02	.00	.00	.00	.01	.01	.00	.00	.05	.00	.00	.00	.01	.00	.03	.01	.00	.00	.00	.01	.011	24	.09
13	.01	.00	.00	.00	.00	.01	.01	.05	.03	.05	.06	.03	.00	.03	.04	.00	.01	.00	.00	.00	.00	.01	.03	.02	.016	24	.09
14	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00		.00	.00	.01	.03	.05	.02	.04	.03	.00	.01	.009	23	.12
15	.00	.00	.00	.00	.00	.05	.02	.00	.02	.01		.00	.01	.00	.21		.12	.12	.05	.00	.00	.00	.10	.15	.038	22	.43
16	.19	.06	.02	.00	.00	.00	.02	.01	.01	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.01	.02	.08	.04	.019	24	.34
17	.02	.07	.13	.08	.06	.06	.05	.09	.10	.08	.09	.02	.03	.01	.00	.00	.00	.00	.00	.00	.01	.02	.00	.00	.037	24	.21
18*	.05	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.00	.005	24	.09
19*	.01	.01	.00	.00	.00	.01	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	24	.03
20	.00	.00	.00	.00	.04	.01	.04	.07	.07	.10	.11	.16	.33	.38	.12	.03	.08	.05	.02	.00	.00	.01	.03	.06	.071	24	.54
21	.12	.10	.06	.04	.01	.02	.01	.09	.08	.07	.13	.08				.08	.04	.03	.01	.01	.01	.01	.03	.04	.050	21	.20
22	.15	.11	.08	.14	.28	.26	.19					.02	.01	.08	.08		.11	.09	.08	.08	.08	.08	.09	.07	.106	19	.38
23	.14	.09	.10	.15	.15	.17	.11	.15	.20	.17	.23	.27	.15	.15	.14	.19	.17	.10	.06	.07	.06	.05	.06	.05	.132	24	.33
24	.05	.10	.15	.17	.19	.23	.19	.17	.13	.22	.14	.08	.09	.12	.10	.13	.08	.09	.06	.05	.05	.05	.08	.08	.116	24	.28
25*	.07	.07	.06	.06	.06	.06	.07	.08	.08	.07	.07	.07	.07	.07	.06	.06	.06	.06	.08	.08	.08	.08	.08	.08	.070	24	.12
26*	.07	.07	.06	.06	.10	.08	.09	.10	.08	.08	.07	.06	.05	.07	.07	.06	.04	.04	.04	.06	.06	.06	.07	.09	.067	24	.12
27	.05	.06	.07	.06	.04	.05	.04	.03	.03	.03	.02	.02	.03	.02	.02	.03	.03	.06	.04	.21	.27	.20	.15	.09	.068	24	.30
28	.12	.14	.16	.16	.15	.14	.13	.14	.18	.31	.18	.04	.02	.02	.01	.01	.01	.02	.01	.01	.02	.02	.03	.04	.086	24	.37
29	.08	.09	.09	.09	.09	.16	.21	.18	.19			.07	.05	.05	.05		.08	.06	.06	.07	.07	.07	.08	.09	.093	21	.28
30	.12	.18	.26	.20	.21	.22	.25	.33	.34	.17	.05	.04	.04	.11	.06	.04	.04	.04	.03	.03	.03	.14	.25	.17	.140	24	.41
MEAN	.07	.07	.07	.06	.07	.08	.08	.10	.11	.12	.10	.06	.06	.06	.05	.04	.05	.04	.03	.03	.05	.06	.07	.07	.066		
NO.	30	30	30	30	30	30	30	29	29	26	24	28	29	28	29	25	30	30	30	30	30	30	30	30		697	
MAX	.21	.29	.26	.20	.28	.26	.26	.57	.45	.67	.44	.35	.33	.38	.21	.19	.23	.12	.11	.21	.44	.42	.32	.40	.246		.79

* Indicates Saturday or Sunday

Local standard time used

Table 3-163. OCTOBER, 1965, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.12		.06	.05	.05	.04	.05	.04	.03	.03	.03	.02	.02	.02	.02	.02	.02	.04	.13	.08	.05	.03	.04	.04	.045	23	.26
2*	.03	.03	.04	.04	.06	.05	.05	.04	.04	.03	.03	.03	.03	.03	.02	.02	.02	.02	.03	.06	.05	.05	.08	.09	.041	24	.11
3*	.10	.10	.08	.06	.07	.09	.11	.08	.11	.04	.04	.03	.03	.03	.03	.04	.03	.03	.02	.02	.03	.04	.02	.02	.052	24	.13
4	.02	.02	.02	.02	.04	.05	.05	.05	.04	.03	.03	.03	.03	.03	.03	.03	.04	.05	.05	.05	.05	.06	.06	.07	.040	24	.08
5	.05	.03	.03	.05	.05	.04	.04	.04	.05	.04	.03	.03	.03	.03	.02	.03	.02	.03	.05	.08	.10	.10	.12	.10	.048	24	.12
6	.10	.10	.11	.10	.11	.12	.19	.17	.11	.08	.07	.07	.05				.20	.22	.19	.20	.16	.10	.09	.08	.124	21	.27
7	.11	.15	.14	.13	.14	.17	.22	.33	.24	.17	.08	.10	.13	.07	.08	.06	.04	.04	.02	.02	.04	.08	.37	.21	.129	24	.59
8	.06	.06	.14	.15	.25	.13	.20	.25	.30	.32	.19	.19	.30	.31	.06	.04	.32	.21	.08	.20	.25	.42	.50	.59	.229	24	.76
9*	.32	.14	.11	.22	.30	.51	.51	.45	.32	.31	.36	.24	.06	.13	.09	.19	.25	.23	.24	.19	.09	.11	.06	.07	.228	24	.70
10*	.05	.08	.12	.14	.15	.15	.18	.11	.07	.05	.03	.03	.04	.03	.03	.03	.03	.04	.05	.05	.05	.07	.08	.05	.069	24	.20
11	.05	.06	.06	.05	.06	.09	.11	.10	.08	.06	.05	.03	.03	.03	.05	.03	.05	.31	.45	.48	.23	.25	.22	.31	.135	24	.60
12	.12	.04	.05	.16	.32	.26	.11	.08	.07	.07	.06	.05	.04	.04	.04	.03	.04	.05	.17	.39	.47	.34	.16	.09	.135	24	.58
13	.07	.07	.06	.12	.12	.12	.16	.15	.12	.06	.05	.04	.04				.05	.05	.13	.21	.34	.31	.36	.35	.141	21	.42
14	.35	.38	.18	.25	.32	.19	.28	.36	.46	.46	.27	.09	.06	.09	.03	.02	.03	.04	.06	.04	.09	.08	.07	.04	.176	24	.51
15	.06	.05	.17	.16	.25	.21	.18	.09	.05	.05		.13	.25	.24	.30	.20	.03	.03	.02	.08	.11	.34	.23	.44	.160	23	.58
16*	.29	.15	.10	.05	.05	.07	.08	.05	.04	.03	.03	.02	.02	.01	.01	.01	.02	.02	.03	.04	.03	.03	.03	.02	.051	24	.49
17*	.01	.02	.02	.02	.02	.03	.05	.07	.08	.07	.09	.11	.09	.07	.06	.06	.03	.03	.02	.02	.02	.02	.05	.09	.047	24	.15
18	.11		.20	.16	.20	.25	.33	.34	.29	.17			.26		.48	.32	.22	.19	.23	.21	.27	.25	.20	.19	.243	20	.53
19	.13	.09	.07	.06	.08	.13	.31	.32	.24	.22	.15	.09	.04	.03	.03	.03	.02	.03	.05	.07	.07	.08	.10	.11	.105	24	.38
20	.15	.14	.09	.08	.08	.13	.23	.31	.54	.27			.07	.20	.29	.24	.10	.13	.09	.02	.04	.04	.17	.15	.161	22	.65
21	.14	.13	.13	.16	.23	.28	.39	.26	.27	.29	.30	.14	.25	.21	.18	.12	.07	.09	.11	.07	.03	.12	.13	.13	.176	24	.45
22	.09	.07	.04	.03	.06	.09	.12	.11	.13	.17	.12	.06	.05	.04	.02		.04	.02	.01	.04	.02	.03	.08	.23	.072	23	.32
23*	.18	.08	.06	.07	.07	.07	.06	.07	.05	.04	.03	.03	.03	.02	.02	.01	.02	.03	.02	.02	.03	.03	.03	.04	.046	24	.26
24*	.04	.03	.03	.03	.02	.05	.05	.08	.04	.02	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.06	.08	.05	.05	.032	24	.10
25	.06	.06	.03	.05	.06	.05	.09	.12	.09	.07	.05	.03	.03	.02	.02	.02	.02	.03	.08	.29	.44	.21	.17	.30	.098	24	.58
26	.24	.28	.24	.32	.22	.25	.34	.26	.22	.16	.07	.05	.07	.16	.16	.21	.17	.14	.13	.16	.13	.08	.06	.07	.173	24	.49
27	.06	.06	.09	.10	.08	.12	.13	.10	.04	.02	.03				.02		.07	.06	.08	.08	.06	.07	.06	.14	.073	20	.25
28	.21	.17	.14	.07	.08	.10	.12	.09	.06	.04	.03	.02					.03	.04	.04	.03	.03	.02	.04	.04	.068	20	.25
29	.05	.06	.05	.06	.08	.07	.09	.11	.09	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.05	.07	.08	.06	.09	.055	24	.15
30*	.25	.19	.09	.14	.20	.21	.34	.29	.42	.50	.47	.41	.26	.35	.34	.12	.28	.39	.38	.33	.39	.47	.37	.26	.309	24	.66
31*	.16	.45	.42	.36	.43	.40	.37	.37	.55	.44	.42	.24	.27	.24	.13	.10	.15	.16	.24	.11	.06	.02	.02	.02	.255	24	.64
MEAN	.12	.11	.10	.11	.14	.15	.18	.17	.17	.14	.11	.08	.09	.09	.09	.08	.08	.09	.10	.12	.12	.13	.13	.14	.120		
NO.	31	29	31	31	31	31	31	31	31	31	28	28	29	26	28	26	31	31	31	31	31	31	31	31		721	
MAX	.35	.45	.42	.36	.43	.51	.51	.45	.55	.50	.47	.41	.30	.35	.48	.32	.32	.39	.45	.48	.47	.47	.50	.59	.309		.76

* Indicates Saturday or Sunday

Local standard time used

Table 3-164. NOVEMBER, 1965, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.02	.02	.03	.03	.04	.06	.06	.05	.04	.03	.04	.03	.02	.03	.03	.03	.04	.04	.06	.08	.09	.05	.04	.02	.079	24	.12
2	.03	.06	.05	.03	.04	.05	.05	.06	.05	.04	.04	.03	.06	.08	.07	.16	.08	.06	.08	.11	.11	.12	.13	.11	.089	24	.21
3	.10	.30	.37	.33	.38	.25	.21	.14	.35	.43	.25	.14		.12	.13	.19	.20	.20	.39	.48	.39	.16	.24	.28	.262	23	.59
4	.43	.94	.81	.67	.81	.78	.51	.76	.60	.47		.03	.03	.03	.02		.28	.14	.06	.06	.07	.06	.05	.05	.347	221	.11
5	.05	.05	.04	.05	.05	.05	.06	.08	.08	.16	.19	.15	.07	.07	.14	.10	.06	.09	.08	.08	.08	.09	.15	.15	.090	24	.29
6*	.10	.20	.36	.19	.22	.22	.25	.23	.40	.48	.68	.42	.32	.25	.26	.22	.18	.09	.11	.19	.22	.24	.28	.20	.262	24	.90
7*	.11	.24	.45	.38	.25	.39	.28	.24	.17	.22	.20	.36	.21	.10	.18	.07	.09	.10	.11	.10	.09	.08	.08	.10	.191	24	.54
8	.07	.09	.17	.19	.18	.17	.22	.15	.14	.16	.15	.09	.07	.08	.15	.11	.12	.15	.12	.08	.09	.13	.18	.19	.135	24	.34
9	.09	.08	.08	.06	.06	.04	.03	.04	.04	.03	.02	.02	.03	.03	.04	.02	.03	.03	.04	.03	.04	.04	.04	.03	.040	24	.10
10	.05	.05	.06	.06	.07	.09	.16	.22	.23	.22	.32	.14	.08	.07				.05	.04	.04	.04	.06	.09	.10	.106	21	.37
11	.10	.14	.18	.17	.15	.20	.25	.36	.40	.34	.35	.32	.21	.13	.07	.05	.05	.05	.05	.08	.05	.13	.12	.15	.169	24	.43
12	.13	.12	.12	.12	.15	.19	.20	.24	.23	.19	.23	.16	.12	.07	.06	.16	.21	.21	.15	.13	.10	.06	.08	.08	.145	24	.27
13*	.10	.11	.18	.14	.12	.13	.10	.14	.15	.11	.07	.08	.20	.16	.14	.11	.05	.04	.05	.05	.14	.22	.43	.22	.134	24	.51
14*	.06	.07	.09	.08	.08	.08	.08	.08	.06	.04	.03	.03	.03	.03	.02	.03	.03	.03	.07	.07	.05	.06	.09	.06	.056	24	.12
15	.06	.07	.06	.11	.24	.15	.15	.24	.22	.15	.11	.07	.08	.10	.23	.31	.27	.14	.08	.07	.08	.06	.08	.07	.132	24	.37
16	.09	.09	.07	.05	.04	.04	.05	.06	.05	.13	.39	.30	.20	.35	.47	.48	.31	.41	.49	.21	.31	.31	.10	.14	.213	24	.31
17	.12	.06	.18	.07	.27	.06	.05	.06	.06	.05	.05			.05	.07	.06	.06	.05	.03	.03	.03	.03	.03	.03	.067	22	.50
18	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03	.02	.03	.02	.04	.06		.04	.05	.06	.07	.07	.07	.07	.038	23	.08
19	.07	.07	.08	.09	.11	.18	.14	.12	.11	.10	.09	.12	.07	.04	.06	.05	.05	.06	.07	.05	.08	.10	.12	.12	.089	24	.34
20*	.12	.13	.19	.25	.25	.30	.36	.30	.31	.36	.22						.06	.08	.09	.10	.10	.09	.07	.06	.180	19	.43
21*	.10	.07	.05	.05	.15	.20	.19	.30	.39	.32	.29	.21				.07	.16	.33	.23	.13	.18	.21	.14	.22	.190	21	.47
22	.18	.16	.14	.16	.19	.21	.20	.17	.18	.23	.18	.13	.09	.10	.11	.08	.08	.06	.06	.06	.07	.07	.07	.07	.127	24	.25
23	.06	.05	.05	.06	.06	.05	.07	.10	.10	.07	.05	.05	.06	.09		.07	.05	.06	.07	.07	.06	.04	.03	.04	.060	23	.13
24	.03	.02	.04	.05	.04	.05	.05	.07	.10	.08	.04			.03	.03			.04	.06	.05	.05	.05	.07	.08	.052	20	.13
25	.08	.08	.09	.11	.13	.15	.17	.19	.21	.16	.13	.06	.04	.04	.04	.04	.05	.06	.08	.06	.06	.05	.07	.19	.096	24	.24
26	.19	.24	.37	.37	.17	.16	.16	.12	.13	.19	.18	.14	.19	.25	.21	.15	.14	.09	.11	.07	.07	.06	.06	.09	.163	24	.46
27*	.07	.06	.05	.05	.08	.04	.05	.05	.05	.07	.07	.05	.18	.05	.03	.04	.04	.04	.04	.05	.05	.07	.05	.05	.056	24	.28
28*	.04	.07	.09	.07	.08	.14	.29	.31	.25	.22	.22	.17	.27	.21	.22	.20	.19	.12	.06	.06	.06	.05	.04	.04	.144	24	.59
29	.04	.03	.03	.02	.04	.05	.06	.10	.08	.07	.05	.05	.05	.05	.05	.05	.04	.05	.06	.07	.07	.07	.07	.07	.054	24	.11
30	.06	.06	.05	.04	.06	.07	.09	.12	.13	.08	.09	.07	.05	.05	.04	.04	.05	.06	.09	.07	.10	.11	.13	.13	.076	24	.18
MEAN	.09	.13	.15	.14	.15	.15	.15	.17	.18	.17	.16	.13	.11	.10	.11	.11	.11	.10	.10	.09	.10	.10	.11	.11	.126		
NO.	30	30	30	30	30	30	30	30	30	30	29	27	25	28	26	26	27	30	30	30	30	30	30	30		698	
MAX	.43	.94	.81	.67	.81	.78	.51	.76	.60	.48	.68	.42	.32	.35	.47	.48	.31	.41	.49	.48	.39	.31	.43	.28	.347		1.11

* Indicates Saturday or Sunday

Local standard time used

Table 3-165. DECEMBER, 1965, HOURLY AVERAGE SULFUR DIOXIDE CONCENTRATIONS (ppm)

Conductometric Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.13	.15	.16	.15	.12	.12	.11	.14	.12	.08	.06			.04	.05	.05	.05	.06	.07	.08	.08	.08	.10	.08	.095	22	.18
2	.08	.08	.07	.06	.08	.10	.12	.19	.24	.27	.33	.39	.09	.04	.06	.19	.18	.08	.07	.14	.21	.18	.12	.12	.145	24	.52
3	.13	.28	.36	.36	.27	.24	.22	.24	.27	.21	.27	.18	.20	.09	.11		.11	.13	.14	.10	.07	.07	.07	.07	.181	23	.40
4*	.16	.26	.25	.27	.27	.27	.16	.14	.11	.06	.06	.04	.03	.03	.05	.03	.03	.03	.03	.03	.03	.03	.03	.03	.100	24	.37
5*	.04	.05	.04	.03	.02	.03	.05	.05	.05	.03	.03	.04	.09	.14	.15	.08	.05	.04	.11	.13	.09	.17	.21	.22	.080	24	.26
6	.16	.09	.09	.08	.08	.08	.10	.10	.08	.07	.05	.03	.03	.02	.02	.04	.05	.04	.04	.03	.04	.03	.02	.02	.057	24	.22
7	.03	.05	.02	.02	.02	.03	.04	.05	.05	.04	.03	.03	.02	.03	.03	.03	.02	.03	.04	.05	.08	.10	.11	.10	.043	24	.13
8	.13	.10	.09	.08	.09	.15	.16	.27	.31	.25	.10		.15	.13	.17	.12	.07	.06	.11	.10	.11	.15	.16	.17	.140	23	.42
9	.17	.23	.35	.40	.22	.11	.10	.09	.12	.10	.08	.05	.05	.05	.04	.06	.07	.07	.08	.11	.18	.19	.30	.25	.143	24	.46
10	.28	.38	.34	.35	.22	.25	.18	.17	.22	.28	.13	.08	.07	.07	.07	.08	.08	.08	.10	.11	.10	.15	.12	.13	.167	24	.51
11*	.18	.30	.19	.14	.16	.21	.25	.22	.23	.19	.22	.22	.16	.18	.19	.18	.22	.21	.18	.20	.19	.14	.12	.11	.191	24	.35
12*	.13	.15	.13	.08	.08	.07	.07	.08	.07	.06	.06	.06	.07	.08	.13	.08	.05	.05	.07	.06	.06	.06	.08	.14	.081	24	.17
13	.18	.14	.10	.12	.09	.14	.15	.13	.10	.10	.12	.18	.13	.08	.07	.09	.15	.14	.11	.08	.07	.10	.12	.10	.116	24	.22
14	.08	.11	.08	.07	.13	.19	.20	.27	.29	.27	.12	.17	.15	.06	.06	.05	.06	.06	.05	.06	.06	.06	.04	.05	.114	24	.31
15	.05	.04	.05	.06	.05	.04	.07	.08	.09	.08	.06			.08	.10	.06	.11	.11	.07	.08	.08	.08	.06	.03	.067	22	.23
16	.23	.23	.29	.19	.21	.25	.24	.29	.25	.30	.24	.15	.13	.11	.10	.09	.12	.12	.13	.13	.13	.16	.19	.15	.184	24	.34
17	.18	.15	.17	.16	.18	.15	.15	.25	.22	.15	.11	.10	.08	.08	.06	.07	.07	.07	.08	.08	.08	.09	.09	.08	.120	24	.29
18*	.07	.08	.08	.08	.08	.08	.07	.08	.08	.08	.07	.05	.06	.05	.05	.06	.06	.06	.07	.06	.08	.07	.07	.06	.067	24	.12
19*	.05	.05	.07	.07	.06	.06	.06	.07	.05	.05	.04	.04	.05	.04	.04	.04	.05	.06	.06	.07	.11	.10	.07	.05	.058	24	.12
20	.04	.04	.03	.04	.06	.10	.05	.07	.06	.05	.03	.03	.03	.03	.03	.03	.04	.05	.05	.07	.06	.05	.07	.07	.048	24	.12
21	.07	.06	.08	.09	.09	.07	.08	.07	.09	.07	.07	.08	.07	.05	.06	.06	.04	.06	.07	.08	.06	.09	.09	.09	.071	24	.11
22	.12	.16	.11	.11	.12	.11	.13	.17	.14	.15	.11	.08	.07	.07	.07	.08	.08	.10	.11	.14	.24	.38	.52	.29	.151	24	.75
23	.36	.31	.36	.46	.19	.42	.52	.35	.22	.23	.40	.54	.55	.56	.44	.48		.26	.28	.29	.30	.27	.15	.27	.355	23	.67
24	.23	.08	.10	.06	.15	.26	.13	.29	.25	.26	.24			.30	.22	.15	.16	.11	.06	.05	.04	.08	.08	.05	.151	22	.38
25*	.04	.04	.04	.16	.16	.04	.05	.05	.05	.03	.11	.03	.03	.07	.03	.04	.03	.02	.02	.03	.01	.02	.02	.02	.046	24	.30
26*	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.01	.002	24	.02
27	.01	.00	.01	.00	.01	.02	.01	.01	.03	.05	.08	.19								.15	.13	.30	.31	.35	.096	17	.47
28	.19	.12	.11	.11	.11	.15	.14	.15			.01	.01	.00	.00	.02	.02	.02	.03	.05	.06	.04	.06	.08	.09	.070	22	.20
29	.10	.08	.13	.21				.34	.56	.40	.52	.34	.23	.12	.21	.24	.27	.22	.25	.21	.20	.20	.21	.30	.253	21	.65
30	.26	.19	.21	.22	.23	.23	.24	.41	.62	.43	.34	.45	.21	.19	.23		.21	.21	.27	.44	.20	.13	.32	.20	.279	23	.67
31	.24	.25	.18	.17	.21	.27	.44	.53	.37	.31	.41	.54	.42	.30	.30	.07	.12	.16	.19	.35	.20	.33	.40	.13	.285	24	.65
MEAN	.13	.14	.14	.14	.12	.14	.14	.17	.18	.15	.14	.15	.12	.10	.10	.09	.09	.09	.10	.12	.11	.12	.14	.12	.127		
NO.	31	31	31	31	30	30	30	31	30	30	31	27	27	30	30	28	29	30	30	31	31	31	31	31		722	
MAX	.36	.38	.36	.46	.27	.42	.52	.53	.62	.43	.52	.54	.55	.56	.44	.48	.27	.26	.28	.44	.30	.38	.52	.35	.355		.75

* Indicates Saturday or Sunday

Local standard time used

TOTAL HYDROCARBON
DATA TABLES
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Continuous
Air
Monitoring
Projects

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Table 3-166. AUGUST, 1962. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*									2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.9	4.7	5.9	5.8	2.71	16	7.0
12*	5.9	5.1	3.2	3.0	2.6	2.4	2.1	2.0	2.0	2.0	2.0	2.0		4.0	4.0	4.0	4.0	3.8	3.2	3.0	3.0	3.1	3.1	3.5	3.16	23	6.0
13	3.0	3.2	3.1	3.9	4.7	4.8	5.0	4.3	3.3	3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.3	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.36	24	6.0
14	3.0	3.0	3.0	3.8	4.0	3.4	3.3	3.8	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.1	3.2	3.1	3.0	3.0	3.0	3.16	24	4.0
15	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.2	3.2	3.0	3.0	3.0	3.9	3.9	4.1	3.9	4.2	3.8	3.0	3.9	4.2	4.3	4.6	4.0	3.50	24	6.0
16																											
17										3.0	3.0	3.0	3.0	2.9	2.0	2.4	2.8	2.0	2.0	2.2	2.4	2.3	3.0	3.0	2.59	15	3.0
18*																											
19*																											
20																											
21																											
22																											
23																											
24										3.0	2.9	2.8	3.0	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.97	15	3.0
25*																											
26*	3.4	3.0	3.0	3.6	5.4	4.9	5.0	4.8	3.3	3.0	3.0	2.4	2.0	2.5	2.9	3.0	2.8	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.28	24	6.0
27	3.0	3.0	3.1	3.0	3.0	3.9	4.3	4.5	3.8	3.3	3.0	3.0	2.0	2.0	2.0	2.0	2.1	2.0	3.0	2.8	3.0	3.0	3.0	3.0	2.95	24	5.0
28	3.0	3.2	3.3	3.1	3.3	4.0	5.2	5.0	4.8	4.1	3.5	2.6	2.1	2.6	2.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.29	24	6.0
29	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.0	2.0	2.0	2.0	2.0		2.9	2.0	2.0	2.0	2.3	3.0	3.0	3.0	3.0	3.0	2.61	23	4.0
30	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.7	2.9	2.2	2.4	2.8	2.9	3.0	3.0	2.3	2.0	2.0	2.3	3.7	4.7	4.8	4.9	4.8	3.13	24	6.0
31	3.6	3.6	3.8	3.9	3.9	4.7	6.3	7.8	6.9	3.5	3.0	3.0	3.7	4.0	3.4	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.86	24	8.0
MEAN																										284	
NO	10	10	10	10	10	10	10	10	11	13	13	13	12	12	13	13	13	13	13	13	13	13	13	13			
MAX	5.9	5.1	3.8	3.9	5.4	4.9	6.3	7.8	6.9	4.1	3.5	3.0	3.9	4.0	4.1	4.0	4.2	3.8	3.2	3.9	4.7	4.8	5.9	5.8	3.86		8.0

* Indicates Saturday or Sunday

Local standard time used

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Table 3-167. SEPTEMBER, 1962, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	3.2	3.0	3.0	3.0	3.0	3.0	2.9	2.0	2.0	2.8	2.0	2.6	3.0	3.0	4.0	4.2	2.94	24	5.0
2*	4.0	4.0	4.1	4.3	3.2	3.1	3.0	3.0	2.6	2.0	2.0	2.0	2.0	2.3	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.97	24	5.0
3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	3.0
4	3.0	3.7	4.0	4.0	4.0	4.2	4.5	5.0	3.8	3.3	3.0	3.0	2.3	2.0	2.0	2.1	2.4	2.0	2.0	3.0	2.8	2.7	3.0	3.0	3.10	24	5.0
5	3.0	2.5	2.0	2.0	2.6	3.1	3.8	4.3			3.0	2.9	3.0	3.0	3.4	3.3	3.0	3.0	2.8	2.7	2.8	2.8	3.0	2.0	2.90	22	5.0
6	2.0	2.0	2.0	1.0	2.0	2.0	2.0	2.0			3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	3.0	3.0	3.0	3.0	2.21	22	3.0
7	3.0	3.0	3.0	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.4			3.04	22	4.0
8*																											
9*	2.0	2.0	2.0	3.0	2.2	2.9	3.8	3.7	2.8	2.8	2.0	2.3	2.0	2.0	2.0										2.48	15	4.0
10											2.0	2.0	2.0	2.0	2.0	2.4	2.7	2.1	2.0	2.0	2.0	2.0	2.3	2.8	2.15	14	3.0
11	3.0	3.0	3.0	3.1	3.0	2.5	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.24	24	4.0
12	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.1	2.1			3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.1	3.8	5.2	6.4	5.6	3.01	22	7.0
13	6.3	5.3	4.3	4.0	4.8	5.0	7.2	7.3	6.6	7.4	8.4	5.3	4.0	3.2	3.3	3.3	3.1	3.1	3.2	3.1	3.0	3.6	3.9	4.3	4.69	24	9.0
14	5.4	4.4	4.7	3.7	4.6	4.9	4.7	4.7	4.8	4.0	4.1	4.1	3.1	3.0	3.0	3.3	3.4	3.2	3.5	3.9	4.3	4.9	3.3	3.0	3.99	24	6.0
15*	3.0	3.0	3.0	3.0	3.0	3.0	3.8	3.0	3.0	3.0	3.0	3.0	2.9	2.9	2.9	2.9	3.0	3.0	3.0	3.8	3.8	3.6	3.7	3.2	3.14	24	5.0
16*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.1	3.2	3.7	3.3	3.3	3.0	3.07	24	4.0
17	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.4	5.2	5.8	3.2	3.8	4.0	3.1	3.0	3.0	3.0	3.32	24	8.0
18	3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.6	3.1	3.0	3.3	3.0	3.0	2.8	2.7	2.8	2.9	2.3	2.9	3.0	3.0	3.0	3.0	3.1	2.97	24	6.0
19	3.4	3.3	3.2	3.1	3.0	3.1	3.2			3.0	3.0	3.0	2.9	3.0	3.2	4.0	3.4	3.0	2.9	2.6	2.8	3.0	3.0	3.0	3.09	22	5.0
20	3.0	2.4	2.0	2.0	2.0	2.0	2.7	3.0	2.7	2.4	2.5	2.6	2.1	2.0	2.9	2.8	3.0	2.6	2.9	3.0	2.7	2.2	2.8	2.5	2.52	24	4.0
21	2.1	2.3	2.1	2.8	2.0	3.0	3.0	3.3	3.1	3.0	2.9	2.8	2.7	2.5	2.4	2.9	2.9	2.9	3.2	3.0	3.0	3.0	3.0	3.0	2.77	24	4.0
22*	4.3	4.3	4.0	4.0	4.3	5.8	6.1	5.0	3.3	3.1	3.0	3.0	3.0	2.3	2.4	2.7	2.3	2.8	3.0	3.0	3.0	3.0	3.0	3.1	3.48	24	8.0
23*	3.3	3.0	3.0	2.9	3.0	3.0	3.1	3.0	3.0	2.9	2.3	2.0	2.1	2.3	2.3	2.5	2.7	2.5	2.9	3.0	3.0	3.0	3.3	3.4	2.80	24	4.0
24	3.0	3.0	3.0	3.0	3.0	3.0	3.6	4.0	3.5	2.9	2.8	2.5	2.5	2.8	2.8	2.8	3.0	2.8	3.0	3.0	3.0	3.3	3.6	4.0	3.07	24	5.0
25	4.1	4.9	3.8	5.4	4.3	4.4	5.0	4.0	3.0	3.3	3.0	3.0	2.9	2.9	3.0	3.0	3.0	3.2	3.0	3.0	3.0	2.8	3.2	3.7	3.53	24	6.0
26	3.8	3.0	3.0	3.0	3.0	3.0	3.3	3.8		2.8	3.0	2.9	3.0	2.7	3.5	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.09	23	4.0
27	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.8	4.1	3.8	4.2	3.5	3.2	3.2	3.1	3.3	3.5	3.3	3.4	2.8	2.9	3.0	3.0	2.8	3.23	24	5.0
28	3.0	3.0	3.0	2.8	2.8	2.1	3.1	3.1	3.3	3.0	3.0	2.9	2.4	2.5	2.8	3.0	2.4	2.2	3.0	2.8	2.5	2.4	3.3	3.3	2.81	24	4.0
29*	3.1	3.0	2.9	2.9	2.4	2.7	2.6	2.9	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.1	2.3	3.0	3.0	3.0	3.0	3.1	3.5	2.57	24	4.0
30*	3.3	3.0	2.6	2.0	2.8	2.9	2.8	2.9	2.2	2.8	2.9	2.2	2.0	2.0	2.0	2.1	2.0	2.3	3.0	3.0	3.2	3.0	3.8	4.3	2.70	24	5.0
MEAN	3.2	3.2	3.0	3.0	3.0	3.2	3.4	3.5	3.2	3.1	3.0	2.8	2.7	2.6	2.7	2.9	2.9	2.7	2.9	3.0	3.0	3.1	3.3	3.2	3.02		
NO	28	28	28	28	28	28	28	27	24	25	28	29	29	29	29	28	28	28	28	28	28	28	27	27		666	
MAX	6.3	5.3	4.7	5.4	4.8	5.8	7.2	7.3	6.6	7.4	8.4	5.3	4.0	3.3	3.5	5.2	5.8	3.3	3.8	4.0	4.3	5.2	6.4	5.6	4.69		9.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-168. OCTOBER, 1962. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	5.0	5.3	5.0	4.3	4.7	4.3	5.8	6.9	5.1	4.6	6.6	3.3	3.1	3.1	3.0	2.6	2.8	3.1	3.3	3.9	5.7	4.7	4.2	4.4	4.35	24	9.0
2	5.9	5.1	4.8	4.0	3.3	3.0	4.4	5.3	5.2	4.9	4.3	3.0	3.0	3.1	2.9	3.1	3.1	3.3	3.1	3.0	3.0	3.0	3.0	3.7	3.76	24	7.0
3	4.9	4.5	4.8	5.8	7.4	7.2	6.8	6.8	6.5		4.0	3.0	2.9	2.7	2.5	2.8	3.0	2.3	2.1	2.0	2.3	2.8	3.1	3.0	4.04	23	9.0
4	2.9	2.8	3.7	3.5	3.5	4.1	4.1	3.9	3.8	3.1	3.0	3.0	3.0	3.0	3.0	3.1	3.5	3.6	3.3	2.9	2.3	2.5	2.6	2.3	3.17	24	5.0
5	2.8	2.8	3.1	2.5	2.3	2.5	3.0	3.6	3.5	2.7	2.7	3.0	2.7	2.8	2.3	2.7	2.9	2.8	2.8	3.0	2.7	2.8	2.3	2.1	2.75	24	5.0
6*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.0	2.1	2.2	2.1	2.0	2.0	2.0	2.1	2.3	2.3	3.0	2.8	2.4	2.1	2.0	2.15	24	3.0
7*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.00	24	3.0
8	2.0	2.0	2.0	2.4	2.8	2.2	2.8	3.0	2.9	2.4	2.3	2.3	2.8	2.5	2.2	3.1	4.0	3.4	4.2	5.6	4.7	6.4	7.7	6.8	3.43	24	9.0
9	3.8	3.2	3.0	3.0	3.3	4.1	3.1	4.4	4.5	4.2	3.7	3.3	3.2	3.1	3.3	3.2	3.3	2.9	3.0	3.0	3.1	3.0	2.4	2.0	3.28	24	6.0
10	2.0	2.1	2.3	2.0	2.0	2.1	2.8	3.3	3.1	2.7	2.2	2.0	2.0			3.0	3.3	3.1	3.3	3.8	3.5	3.0	3.0	3.1	2.70	22	5.0
11	3.0	3.1	3.0	3.2	4.3	4.8	9.6	9.1	9.3	8.2	4.1	3.4	3.3	3.0	3.8	4.2	5.5	4.7	6.2	5.6	5.2	4.6	4.7	5.0	5.01	24	12.0
12	5.4	5.7	6.9	7.3	7.3	6.7	6.6	6.3	5.7	4.8	4.3	3.8	3.7	3.5	3.1	3.0	3.0	5.1	5.0	3.6	3.0	3.0	2.0	2.0	4.60	24	8.0
13*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.3	2.2	2.3	2.1	2.0	2.1	2.3	2.4	3.0	3.2	5.3	5.6	4.8	4.3	3.3	2.71	24	6.0
14*	4.5	4.0	4.0	4.0	3.4	3.4	3.7	2.3	3.0	3.0	3.0	2.8	3.0	3.3	2.9	2.9	2.8	3.0	3.5	4.0	3.3	3.0	3.0	3.1	3.28	24	5.0
15	4.0	4.0	3.4	3.5	3.8	4.6	5.7	6.0	4.8	4.3	3.7	2.9	2.3	2.3	2.9	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.54	24	7.0
16	2.3	2.5	4.6	2.4	3.0	3.0	3.2	3.3	3.3	3.0	3.5	3.1	3.2	3.0	2.6	2.3	2.6	2.9	3.0	3.0	2.8	3.3	4.0	3.5	2.97	24	4.0
17	3.8	3.7	3.1	3.2	3.8	3.2	3.8	3.8	3.7	3.0		2.5	2.9	2.9	2.7	2.9	3.0	3.0	3.0	3.0	3.0	2.8	2.1	2.0	3.07	23	4.0
18	2.0	2.0	2.0	2.4	2.3	2.9	3.7	4.1	3.0	2.3	2.3		2.1	2.0	2.0	2.2	2.5	2.3	3.3	3.9	5.4				2.72	20	6.0
19									5.5	3.8	2.9	2.3	2.1	2.2	2.0	2.2	2.7	2.3	1.8	1.4	1.3	1.7	1.8	1.4	2.32	16	6.0
20*	2.7	3.3	2.5	2.6	3.0	3.0	3.0	3.0	2.6	2.0	2.1	2.0		4.0	4.0	3.9	3.8	5.3	6.8	7.3	4.6	4.2	4.4	5.0	3.69	23	10.0
21*	4.5	4.5	5.3	5.2	3.4	4.6	4.3	4.0	3.3	3.1	3.0	3.3	3.0	2.3	2.5	2.3	2.8	2.8	2.8	3.0	3.0	2.7	2.2	2.0	3.31	24	7.0
22	2.0	2.1	2.2	2.4	2.3	2.3	2.7	3.2	3.0	3.0	3.0	2.9	3.0	3.0	2.8	2.8	2.9	2.9	3.5	4.1	4.3	4.0	4.9	4.1	3.04	24	6.0
23	2.5	2.4	3.3	2.8	2.9	2.3	2.6	3.8	3.6	3.2	3.3	3.6	2.9	2.3	2.1	2.1	2.4	2.5	3.2	3.0	2.1	2.0	2.0	2.0	2.69	24	5.0
24	1.8	1.9	2.0	2.0	1.9	2.0	2.0	2.3	2.0		2.0	2.0	2.0	2.0	2.1	2.3	2.7	2.0	2.0	2.1	2.1	2.0			2.05	21	3.0
25									4.2	4.3	3.6	3.1	2.9	2.8	2.3	2.3	2.5	2.6	2.4	2.2	2.3	2.3	3.1	3.0	2.85	16	5.0
26	2.9	2.4	2.0	2.0	2.0	2.0	2.2	2.9	2.4	2.0	2.0	2.1	2.0	2.1	2.0	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.14	24	3.0
27*	2.0	2.0	2.0	2.0					3.0	2.3	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.6	2.8	3.8	3.7	3.2	3.0	3.3	2.49	20	4.0
28*	3.0	3.0	3.0	3.1	3.2	3.3	3.3	3.5	3.3			2.1	2.7	2.8	2.4	2.3	2.3	2.3	2.3	3.0	3.6	3.5	3.2	2.9	2.91	22	4.0
29	3.0	2.7									2.0	2.0	2.0	2.0	2.0	2.0	2.6	2.9	3.0	2.9	2.3	2.9	2.7	2.5	2.46	16	4.0
30	2.4	2.9	3.2	2.3	2.5	2.7	2.7	3.7	4.8	3.9	3.2	3.0	3.0	3.0	3.8	3.8	3.0	3.1	3.0	2.8	3.0	2.6			3.10	22	6.0
31																											
MEAN	3.1	3.1	3.1	3.1	3.2	3.3	3.8	4.0	3.8	3.3	3.0	2.7	2.6	2.6	2.6	2.7	2.9	3.0	3.2	3.4	3.3	3.1	3.1	3.0	3.11		
NO.	28	28	27	27	26	26	26	26	29	26	28	29	29	29	29	30	30	30	30	30	30	29	27	27		676	
MAX	5.9	5.7	6.9	7.3	7.4	7.2	9.6	9.1	9.3	8.2	6.6	3.8	3.7	4.0	4.0	4.2	5.5	5.3	6.8	7.3	5.7	6.4	7.7	6.8	5.01		12.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-169. NOVEMBER, 1962. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	2.0	2.0	2.0	1.7	1.3	1.3	1.8	2.0	2.6	2.4	2.3	2.3	2.3	2.0	2.0	2.0	2.3	3.2	3.0	3.0	3.6	4.2	4.8	3.0	2.44	24	6.0
2	2.3	2.2	2.0	2.2	3.0	3.0	3.8	5.2	5.1	3.0	2.5	2.8	2.9	2.5	2.2	2.3	2.7	2.5	2.0	2.1	2.1	2.5	2.4	2.1	2.71	24	6.0
3*	2.0	2.0	2.0	2.0	2.0	2.0	1.5	1.0	1.6	2.3	2.6	2.8	2.3	2.0	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	3.0
4*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	1.9	1.9	1.98	23	2.0
5	1.9	2.0	1.3	1.8	1.2	2.1	2.0	2.3	2.8	2.6		2.3	2.0	2.0	2.3	2.1	2.3	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.03	23	4.0
6										4.1	3.2			3.1	3.0	3.2	3.8	4.1	4.4	3.6	4.9	5.2	5.3	4.0	3.97	13	7.0
7															3.3	3.1	3.1	4.0	3.5	3.2	3.6	3.6	3.4	3.1	3.66	14	6.0
8	4.0	4.2	4.0	5.3															3.0	2.8	2.4	3.0	2.8	2.1	3.66	24	6.0
9	3.7	3.2	3.0	3.3	3.9	4.8	4.4	5.1	5.3	5.0	4.4	4.5	3.4	3.7	3.4	3.8	3.3	3.8									
10*	2.0	1.1	1.0	1.2	1.1	1.0	1.0	1.0	1.6	2.8	3.0	3.0	2.8	2.6	2.8	2.5	2.6	2.8	2.6	2.3	2.2	2.0	2.3	2.8	2.07	24	3.0
11*	2.4	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.1	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.1	2.3	2.05	24	3.0
12	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.2	3.1	3.2	2.8	2.5	2.0	2.7	2.8	2.8	2.8	4.8	3.0	2.9	2.1	2.2	3.1	2.60	24	6.0
13	3.9	4.8	4.8	5.4	4.4	4.1	3.9	5.1	6.0			3.7	3.0	2.8	2.8	2.3	2.4	3.1	3.0	3.0	2.8	3.0	3.0	3.0	3.64	22	7.0
14	3.0	3.0	3.0	2.6	2.9	2.8	2.8	3.2	3.2	3.0	3.0	2.7	2.6	2.1	2.0	2.8	3.0								2.79	17	4.0
15																											
16	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.4	3.0	3.0	3.0	3.0	2.6	2.9	3.0	3.1	3.6	3.4	3.0	3.0	3.0	3.0	3.0	3.05	24	5.0
17*	2.9	2.9	3.0	2.3	2.2	2.2	2.0	2.5	3.0	5.3	5.0	4.4	4.8	4.8	5.0	5.0	5.2	5.3	4.8	4.0	4.7	4.8	4.3	4.5	3.94	24	6.0
18*	4.2	4.0	4.0	4.0	4.0	4.0	3.8	3.7	3.8	4.0	3.9	3.7	3.1	3.7	3.6	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.51	24	5.0
19	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.7	3.2	3.0	3.1	3.0	3.0	3.0	3.2	3.5	3.8	3.3	3.6	4.1	4.0	3.8	3.0	3.26	24	5.0
20	3.0	3.0	3.0	3.0	3.0	3.0	3.5	3.3	3.4	3.8	4.2	3.8	3.1	3.3	3.0	3.0	3.2	3.0	3.0	3.6	3.2	3.0	3.0	2.7	3.20	24	5.0
21	2.9	2.6	2.6	2.8	2.2	2.0	2.0	2.0	2.0	2.5					3.0	3.0	3.0	2.9	3.0	3.0	3.0	3.2	3.0	3.2	2.68	20	4.0
22	4.2	5.8	3.1	3.0	3.7	4.6	3.0	3.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.61	24	10.0
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.5	2.0	2.7	3.3	4.8	4.4	2.2	2.32	24	6.0
24*	2.1	2.7	2.0	2.0	2.5	2.8	2.5	2.5	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.14	24	3.0
25*	2.0	2.4	2.6	2.0	2.0	2.0	2.0	2.6	3.0	2.6	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.2	2.0	2.2	2.3	2.16	24	3.0
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.1	2.5	2.6	2.8	2.4	2.9	3.0	3.3	3.0	3.0	3.0	2.7	2.0	2.6	2.41	24	5.0
27	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.0	3.0	2.9	2.8	2.8	2.9	3.3	3.3	3.0	3.0	3.0	3.0	3.0	3.0	2.69	24	4.0
28	2.8	3.0	2.8	2.3	2.2	2.0	2.0	2.7	3.0	3.0	3.0			2.1	2.0	2.0	2.8	3.4	2.8	2.5	2.1	2.0	2.0	2.1	2.47	22	4.0
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.6	2.8	3.0	2.4	2.2	2.0	2.2	3.0	4.8	4.2	3.4	3.0	3.1	3.2	3.2	2.64	24	6.0
30	3.2	4.0	4.0	3.5	3.0	2.6	2.8	3.8	5.1	4.1	3.0	2.5						6.5	9.4	9.6	8.2	7.3	6.0	4.5	4.89	19	10.0
MEAN	2.7	2.8	2.6	2.6	2.5	2.5	2.5	2.8	3.1	3.0	2.9	2.8	2.6	2.6	2.6	2.6	2.8	3.2	3.2	3.0	3.0	3.1	3.0	2.8	2.80		
NO.	27	27	27	27	26	26	26	26	26	25	24	24	23	25	27	27	27	27	27	27	27	27	27	27		629	
MAX	4.2	5.8	4.8	5.4	4.4	4.8	4.4	5.2	6.0	5.3	5.0	4.5	4.8	4.8	5.0	5.0	5.2	6.5	9.4	9.6	8.2	7.3	6.0	4.5	4.89		10.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-170. DECEMBER, 1962, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	4.2	4.4	4.5	3.3	2.3	2.0	2.0	2.4	2.3	3.0	3.0	2.3	2.0	1.3	1.8	2.1	2.4	5.2	7.8	8.7	7.1	6.5	4.9	4.2	3.72	24	9.0
2*	3.9	3.5	3.0	1.7	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.34	24	4.0
3	1.0	1.0	1.0	1.0	1.0	1.3	1.6	2.0	2.3	2.1	2.0	2.1	2.1	2.5	2.6	2.9	3.0	3.4	2.5	3.0	3.3	3.1	2.5	2.0	2.13	24	5.0
4	2.0	2.7	2.1	2.0	2.0	2.0	2.0	2.8	3.0		5.6	5.3	4.9	4.5	4.3	4.2	4.3	4.8	4.0	3.4	3.4	3.1	3.0	3.0	3.39	23	6.0
5	3.0	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.1			2.3	2.0	2.0	2.0	2.0	2.2	2.2	2.0	2.0	2.0	2.1	2.0	2.2	2.11	22	3.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.1	2.5	2.1	1.8	1.0	1.3	1.3	1.5	1.8	1.2	1.0	1.0	1.0	1.0	1.3	1.66	24	3.0
7	1.3	1.1	1.0	1.1	1.1	1.2	1.1	1.4	1.1	1.0	1.0	0.9	1.0	1.0	1.3	1.5	1.7	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.10	24	2.0
8*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.3	1.3	1.5	1.8	1.1	1.7	1.12	24	2.0
9*	2.0	1.9	1.9	1.7	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.2	1.4	2.0	1.9	2.0	2.0	1.5	1.0	1.0	1.0	1.0	1.0	1.36	24	2.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.02	24	2.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.9	1.8	1.3	1.0	1.0	1.0	1.0	1.0	1.4	2.0	1.2	1.0	1.3	1.6	1.0	1.0	1.18	24	3.0
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7								1.8	1.1	1.2	1.5	1.8	2.0	2.0	1.9	1.34	17	2.0
13																											
14																											
15*											2.3	2.0	2.0	1.6	1.0	1.0	1.3	1.2	1.0	1.1	1.4	2.0	1.9	2.0	1.55	14	3.0
16*	1.8	2.0	1.9	2.0	2.0	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.6	1.0	1.4	1.3	1.7	1.1	1.0	1.31	24	2.0
17	1.1	1.1	1.6	1.1	1.0	1.0	1.1	2.3	2.6	3.3	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	1.8	1.0	1.80	24	5.0
18	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.6	2.0	1.9	1.5	1.1	1.2	1.2	1.2	1.3	2.0	2.1	1.9	2.0	2.0	2.1	2.0	1.9	1.50	24	3.0
19	1.5	3.1	3.4	3.0	4.9	5.6	3.1	2.8	2.6	4.0	2.4	2.1			2.3	2.2	2.0	2.7	2.0	2.0	2.0	2.3	2.9	2.8	2.79	22	8.0
20	2.2	2.0	2.0	1.4	1.0	1.0	1.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.85	24	3.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.1	2.1	2.0	2.3	2.1	2.0	2.3	2.4	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.06	24	3.0
22*	2.0	2.0	2.0	2.0	1.9	2.0	1.1	1.8	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.95	24	3.0
23*	2.0	2.0	2.0	2.0	2.0	2.2	5.6	3.0	2.3	2.5	3.8	3.2	2.0	2.6	2.2	2.0	2.0	2.4	2.4	2.3	1.8	1.0	1.2	1.4	2.32	24	7.0
24	1.0	1.0	1.0	1.0	1.0	1.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.75	24	2.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
26	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.99	24	3.0
27	2.0	2.0	2.0	2.0	2.0									3.0	3.0	3.2	3.5	3.6	3.2	3.0	3.0	3.0	2.9	2.1	2.71	16	4.0
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	3.0	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.7	2.3	2.9	3.3	3.5	3.4	2.4	2.41	24	4.0
29*	2.8	2.9	3.4	3.8	3.0	3.0	3.0	3.2	3.5	3.9	3.9	3.0	2.5	2.1	2.5	2.3	3.0	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.78	24	4.0
30*	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.1	1.0	1.1	1.0	1.04	24	2.0
31	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	2.0
MEAN	1.8	1.9	1.9	1.7	1.7	1.7	1.7	1.8	1.9	2.0	2.1	1.9	1.8	1.7	1.8	1.8	2.0	2.2	2.0	2.0	2.0	2.0	1.9	1.8	1.87		
NO	28	28	28	28	28	27	27	27	27	24	26	27	26	27	28	28	29	29	29	29	29	29	29	29		666	
MAX	4.2	4.4	4.5	3.8	4.9	5.6	5.6	3.2	3.5	4.0	5.6	5.3	4.9	4.5	4.3	4.2	4.3	5.2	7.8	8.7	7.1	6.5	4.9	4.2	3.72		9.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-171. JANUARY, 1963. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1*	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX.
1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	1.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.58	24	3.0
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.8	2.0	2.0	1.9	1.8	2.0			2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.05	22	3.0
4	2.0	2.0	2.0	1.5	1.0	1.0	1.0	1.5	1.9	2.0	1.8	1.5	1.1	1.0	1.1	1.2	1.7	1.9	2.0	1.6	1.6	1.6	1.1	1.6	1.52	24	2.0
5*	1.7	1.0	1.1	1.0	1.0	1.4	1.0	1.6	2.0	2.0	1.8	1.8	1.8	1.4	1.5	1.2	1.1	2.0	1.8	2.0	2.0	2.6	2.3	2.0	1.62	24	4.0
6*	2.1	2.2	2.3	2.6	3.4	2.3	1.9	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.1	2.3	2.6	2.0	2.3	2.0	2.0	2.8	2.4	3.0	2.26	24	4.0
7	2.7	2.7	2.3	2.0	2.0	2.0	2.0	3.3	5.5	5.4	3.7	3.3	3.3	4.7	3.3	2.8	2.6	2.3	2.2	2.2	2.1	2.3	2.4	2.1	2.87	24	6.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.6	2.5	2.1	2.0	2.0	1.6	1.3	1.1	1.9	2.1	2.0	2.0	2.0	1.7	1.3	1.7	1.92	24	3.0
9	1.3	1.0	1.0	1.0	1.0	1.0	1.5	1.9	2.9	3.3	2.1	2.3	2.4	2.0	2.0	2.0		2.3	2.0	2.3	3.2	3.2	3.2	4.4	2.14	23	5.0
10	3.8	3.6	3.3	5.5	3.7	4.0	4.4	4.9	5.0	6.2	7.3	4.9	4.3	2.8	2.4	2.8	3.7	3.2	2.7	2.9	4.1	5.7	5.4	5.4	4.24	24	9.0
11	4.0	6.3	4.6	3.5	3.2	3.8	6.2	8.2	7.6	4.1	3.0	2.5	2.5	2.2	2.8	2.3	2.8	2.7	2.1	2.0	2.0	2.1	2.2	2.3	3.52	24	10.0
12*	2.3	2.7	3.0	3.0	3.0	2.8	2.5	2.0	2.0	2.0	2.2	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.20	24	3.0
13*	1.8	1.3	1.1	1.8	2.0	2.0	2.0	1.9	2.0	1.9	2.0	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.37	24	2.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.0	2.0	1.1	1.0	1.0	1.0	1.0	1.0	1.6	1.6	1.7	1.8	1.4	2.0	2.7	2.3	1.41	24	3.0
15	2.3	2.3	1.7	1.8	3.1	2.3	2.0	2.0	2.2	2.6	2.3	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.10	24	4.0
16	1.9	1.4	1.0	1.0	1.0	1.1	1.1	2.0	2.3	2.1	2.0	2.4	2.9	2.4	2.0	2.1	2.3	2.3	2.8	1.9	1.8	1.6	2.9	2.1	1.92	24	4.0
17	2.0	2.0	2.6	3.8	4.3	2.5	1.8	2.1	2.8	5.0	3.8	3.8	3.0			2.9	2.9	3.1	3.0	2.6	2.4	2.9	3.7	3.7	3.02	22	5.0
18	4.1	3.5	2.9	2.5	2.3	3.0	3.3	4.6	5.7	5.7	5.7	5.7	4.7	4.2	4.7	4.8	5.7	6.1	5.5	4.8	3.5	3.5	3.1	3.0	4.26	24	7.0
19*	3.0	2.7	2.4	2.3	2.0	2.0	2.0	2.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.9	3.0	2.9	3.0	3.0	3.0	2.8	3.0	2.76	24	3.0
20*	3.0	3.0	3.0	3.0	3.0	2.3	2.1	3.1	4.5	4.2	3.0	3.2	2.8	3.0	2.9	3.0	3.3	3.7	3.5	4.5	4.3	3.1	2.3	2.0	3.14	24	5.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.1	2.2	2.3	2.8	2.8	2.1	2.0	2.0	2.1	2.1	2.1	2.10	24	3.0
22	2.0	2.0	2.4	2.3	2.8	2.9	3.0	3.0	3.1	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.85	24	4.0
23	3.0	3.0	3.0	3.3	2.8	2.8	3.0	3.0								2.3	2.9	3.4	3.4	3.2	2.1	2.0	2.0	2.0	2.77	17	4.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.1	2.0	2.0	2.01	24	3.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0			2.9	2.5	2.6	3.3	3.2	3.0	2.25	22	4.0
26*	3.0	3.0	2.5	2.1	2.0	2.0	2.0	2.3	2.8	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.16	24	3.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.99	24	2.0
28	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.6	3.0	3.0	4.1	3.0	2.7	2.7	2.2	2.4	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.33	24	5.0
30	2.1	3.7	2.2	2.6	3.3	2.5	2.2	3.6	3.4	2.8				5.8	5.8	6.0	6.2	4.8	3.2	3.0	3.0	2.4	2.0	2.0	3.44	21	9.0
31	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.0	2.4	2.1	2.0	2.0	2.2	2.09	24	3.0
MEAN	2.2	2.3	2.1	2.2	2.2	2.1	2.1	2.5	2.8	2.8	2.5	2.4	2.3	2.3	2.3	2.3	2.5	2.5	2.4	2.3	2.3	2.3	2.3	2.3	2.34		
NO	31	31	31	31	31	31	31	31	30	30	29	29	29	29	29	30	28	30	31	31	31	31	31	31		727	
MAX	4.1	6.3	4.6	5.5	4.3	4.0	6.2	8.2	7.6	6.2	7.3	5.7	4.7	5.8	5.8	6.0	6.2	6.1	5.5	4.8	4.3	5.7	5.4	5.4	4.26		10.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-172. FEBRUARY, 1963, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.5	3.1	3.2	3.0	3.1	3.0						5.9	5.4	5.0	3.3	3.0	3.0	3.02	19	6.0
2*	3.0	3.0	3.0	3.0	2.9	3.0	2.8	3.0	3.0				4.0	4.5	4.1	3.5	3.0	3.3	3.0	2.3	2.0	2.0	2.0	2.0	2.96	21	6.0
3*	2.0	2.0	1.2	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.11	24	2.0
4	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.4	2.0	1.8	2.0	2.0	2.0	2.0	1.5	1.6	1.8	2.1							1.51	18	3.0
5																											
6	2.8	2.0	2.0	2.3	3.0	3.0	3.0	5.0	7.7	6.3						2.0	2.0	2.8	3.4	5.1	7.9	7.1	8.4	7.2	4.36	19	9.0
7	7.1	4.5	2.0	2.2	2.0	5.4	6.1	6.5	7.4	3.4	2.2	2.0	2.0	2.0											3.90	14	9.0
8																											
9*																											
10*																											
11																											
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28																											
MEAN	6	6	6	6	6	6	6	6	6	5	4	4	5	4	3	4	4	4	4	4	4	4	4	4			
NO	7.1	4.5	3.0	3.0	3.0	5.4	6.1	6.5	7.7	6.3	3.0	3.1	4.0	4.5	4.1	3.5	3.0	3.3	5.9	5.4	7.9	7.1	8.4	7.2	4.36	115	9.0
MAX																											

* Indicates Saturday or Sunday

Local standard time used

Table 3-173. MARCH, 1963. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1							2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.9	2.9	3.0	2.8	2.15	24	3.0
2*	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.0	2.3	2.5	2.0	2.0	2.0	2.7	2.1	2.7	3.2	3.9	3.4	4.6	4.8	5.7	2.69	24	7.0
3*	2.6	2.0	2.0	2.0	2.0	2.0	4.3	4.1	6.7	6.4	4.3	3.2	3.6	3.9	3.8	4.0	4.4	6.0	5.1	8.6	7.0	4.8	6.0	5.6	4.87	24	10.0
4	6.0	3.7	5.3	2.1	4.3	4.3	2.1	3.0	4.3	4.1	3.1	3.0	2.9	2.4	2.4	2.3	2.9	3.2	2.0	2.0	2.0	2.0	2.0	2.0	2.71	24	6.0
5	4.4	3.6	3.3	2.3	2.0	2.0																					
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.8	2.2	2.8	3.9	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.4	1.0	2.11	24	5.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.74	24	2.0
8	2.0	2.0	2.0	2.0	2.0	2.9	3.1	2.9	3.1	2.7	2.3	2.5	2.5												2.45	13	4.0
9*										2.7	3.0	3.3	3.2	2.1	2.0	2.3	2.6	2.5	2.0	2.0	2.0	2.0	2.0	2.1	2.38	15	5.0
10*	1.9	1.6	3.1	2.0	2.0	1.4	1.8	2.0	2.0	2.0	1.3	1.0	1.5	1.3	1.3	1.6	1.1	1.0	1.2	1.8	1.4	1.7	1.7	1.0	1.60	24	5.0
11	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.8	2.1	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.9	2.0	2.0	2.0	1.9	2.0	2.0	1.74	24	4.0
12	2.0	1.8	1.0	1.1	1.3	1.7	1.5	2.1	2.3	2.8	2.6	2.3	2.0	2.2	2.9	3.1	3.7	4.1	3.1	2.9	3.0	2.5	2.7	3.0	2.39	24	5.0
13	2.3	2.0	2.0	1.8	2.0	1.8	1.8	2.3	2.3	2.0	2.0	2.0	2.1	2.4	2.3	3.1	2.8	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.15	24	4.0
14	2.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.6	1.2	1.0	1.5	1.4	1.6	1.6	1.7	1.7	1.9	1.5	1.5	1.6	1.2	1.0	1.0	1.34	24	2.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.8	1.7	1.3	1.3	1.3					2.0	2.0	2.0	2.0	2.0	2.0	2.5	1.51	20	3.0
16*	2.0	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.2	1.2	1.4	1.2	1.5	1.9	2.0	2.0	2.0	1.4	1.9	1.78	24	2.0
17*	2.0	2.0	2.0	2.1	2.0	2.7	2.0	2.0	2.0	1.9	2.6	2.7	2.8	2.4	2.8	2.9	2.3	3.3	4.8	2.8	1.5	1.0	1.0	1.0	2.26	24	6.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	2.0	2.0	1.7	1.6	1.3	1.1	1.2	1.6	1.9	1.8	1.3	1.1	1.1	1.2	1.4	1.0	1.30	24	2.0
19	1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.4	1.0	1.1	1.1	1.6	1.55	24	3.0
20	1.8	1.3	1.5	1.3	1.3	1.7	1.3	2.1	2.8	2.3	2.0	2.0	1.8	1.3	1.2	1.4	2.0	2.0	1.2	1.2	1.0	1.0	1.0	1.0	1.54	24	3.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.4	1.3	1.1	1.0	1.0	1.3	1.8	1.4	1.7	2.0	1.7	1.6	1.8	1.3	1.1	1.0	1.26	24	3.0
22	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0					1.0	1.0	1.0	1.0	1.0	1.39	20	2.0
23*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.8	3.4	3.1	3.0	3.0	3.0	1.86	24	4.0
24*	3.0	3.9	6.0	6.0	5.1	5.0	5.6	8.6	14.6	8.3	6.1	2.8	2.9	2.3	2.3	2.5	3.0	3.6	3.9	4.3	4.7	4.7	3.3	5.9	4.84	24	15.0
25	4.0	4.6	9.8	8.5	8.3	6.6	5.4	6.8	5.4	4.5	4.7	4.0	3.7	3.0	3.0	3.0	3.3	3.4	2.8	2.1	2.8	3.0	2.5	3.8	4.54	24	12.0
26	3.9	2.1	2.0	2.0	2.0	2.0	2.0	2.4	4.2	2.8	2.4	2.3	2.1	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.26	24	5.0
27	2.8	2.7	2.8	3.2	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.9	5.1	5.8	3.9	2.57	24	7.0
28	3.0	3.3	5.0	4.0	3.0	4.1	3.9	3.8	4.3	4.0	3.3	2.2	2.0	2.1	2.0	2.0	2.0	2.3	3.0	3.4	4.0	2.8	2.8	2.7	3.12	24	6.0
29	3.0	3.0	2.4	2.1	2.0	2.0	2.0	2.9	3.0	3.0									2.0	2.0	2.0	2.0	2.0	2.0	2.33	16	3.0
30*	2.0	2.0	2.1	2.0	2.0	2.2	2.1	2.8	2.4	2.3	2.7	3.0	2.3	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.16	24	3.0
31*	2.0	2.0	2.3	2.9	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.06	24	3.0
MEAN	2.2	2.0	2.4	2.1	2.1	2.1	2.1	2.5	3.0	2.6	2.4	2.3	2.1	2.0	2.1	2.2	2.3	2.5	2.3	2.4	2.3	2.3	2.3	2.4	2.29		
NO	29	29	29	29	29	29	29	29	29	30	29	29	29	27	27	26	26	27	28	29	29	29	29	29		684	
MAX	6.0	4.6	9.8	8.5	8.3	6.6	5.6	8.6	12.6	8.3	6.1	4.0	3.7	3.9	3.8	4.0	4.4	6.0	5.1	8.6	7.0	5.1	6.0	5.9	4.87		15.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-174. APRIL, 1963, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.1	2.2	1.3	1.0	1.3	1.1	1.0	1.3	1.3	1.1	1.0	1.0	1.4	2.1	1.8	1.64	24	3.0
2																											
3																											
4																											
5																											
6*																											
7*																											
8																											
9																											
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*																											
22																											
23																											
24																											
25																											
26											2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	14	2.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	3.4	2.06	24	5.0
28*	2.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.05	24	4.0
29	3.4	3.3	3.3	2.1	2.0	2.6	3.8	4.3	4.1	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.46	24	5.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.5	3.9	2.4	2.0	2.12	24	4.0
MEAN	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6		134	
NO																											
MAX	3.4	3.3	3.3	2.1	2.0	2.6	3.8	4.3	4.1	2.4	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.5	3.9	2.4	3.4	2.46		5.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-175. MAY, 1963, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN. MAX.
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.3	1.97	24	2.0
2	1.1	1.0	1.0	1.7	1.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.84	24	2.0
3	2.0	2.0	2.5	2.7	2.7	4.3	3.6	3.9	2.5	2.0	2.0	2.0	2.0												2.62	13	5.0
4*																											
5*										3.1	3.3	2.9	2.7	3.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.35	15	4.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.8	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.06	24	3.0
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	3.0	3.0	3.1	3.5	2.22	24	4.0
8	3.2	3.0	2.8	3.0	3.0	2.9	2.2	2.1	2.8	3.0	2.1	2.3	2.0	2.4	2.2	2.1	2.1	2.3	3.1	2.8	3.8	2.3	3.0	3.7	2.65	24	5.0
9	3.9	3.3	2.8	3.0	3.0	3.5	4.0	4.5	4.2	4.0			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.74	22	5.0
10	2.0	3.7	2.0	2.0	2.0	2.0	2.2	5.8	4.9	4.2	3.1				2.4	2.0	2.0	1.9	1.3	1.0	1.0	1.0	1.0	1.1	2.31	21	9.0
11*	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0										1.01	15	2.0
12*																											
13																											
14																											
15																											
16																											
17																											
18*																											
19*																											
20																											
21																											
22																											
23																											
24									1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	1.2	1.3	1.3	1.06	16	2.0
25*	1.1	1.0	1.0	1.2	2.1	2.1	2.0	2.0	2.0	2.0	2.0	1.7	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.33	24	3.0
26*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.01	24	2.0
27	1.0	1.0	1.0	1.0	1.0	1.8	2.0	2.1	2.0	1.7	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.22	24	3.0
28	1.3	1.3	1.3	1.3	1.0	1.0	1.0	1.7	1.3	1.2	1.0	1.0	1.0	1.2	1.0	1.1	1.3								1.16	17	2.0
29																											
30																											
31																											
MEAN																											
NO	13	13	13	13	13	13	13	13	14	15	14	13	14	13	14	13	13	12	12	12	12	12	12	12		311	
MAX	3.9	3.7	2.8	3.0	3.0	4.3	4.0	5.8	4.9	4.2	3.3	2.9	2.7	3.0	2.4	2.1	2.1	2.3	3.1	2.8	3.8	3.0	3.1	3.7	2.74		9.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-176. JUNE, 1963, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)
Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*																											
2*																											
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25	6.3	2.5	2.0	1.0	1.0	1.0	1.0	1.7	1.2	1.1	1.0	1.0	1.0	1.9	2.0	2.0	1.8	1.0	1.0	2.0	2.0	2.0	2.0	2.0	1.72	24	8.0
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3	1.5	1.3	1.4	1.0	2.0	2.0	2.0	2.0	2.0	2.0	1.85	24	3.0
27	2.0	2.0	2.0	2.0	2.6	2.0	2.6	3.1	2.4	2.0	2.0	2.0	2.0	2.0	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.13	24	4.0
28	3.7	4.3	3.3	3.0	3.0	3.4	3.2	3.5	3.8					2.5	2.3	3.0	2.9	2.0	2.3	3.1	3.1	3.0	3.0	3.0	3.05	20	6.0
29*	3.8	3.2	3.0	3.0	3.1	3.0	3.0	3.3	3.0	3.0	3.0	3.0	3.0	3.1	3.4	3.0	3.0	2.9	3.0	4.0	4.8	3.1	3.4	3.0	3.20	24	5.0
30*	3.0	4.3	4.0	4.2	5.0	4.3	4.8	4.3	3.8	3.0	3.8	4.0	3.0	3.3	2.9	2.6	2.5	2.9	3.0	3.2	3.0	3.7	4.1	3.2	3.56	24	5.0
MEAN																											
NO.	6	6	6	6	6	6	6	6	6	5	5	5	5	6	6	6	6	6	6	6	6	6	6	6		140	
MAX	6.3	4.3	4.0	4.2	5.0	4.3	4.8	4.3	3.8	3.0	3.8	4.0	3.0	3.3	3.4	3.0	3.0	2.9	3.0	4.0	4.8	3.7	4.1	3.2	3.56		8.0

* Indicates Saturday or Sunday
Local standard time used

Table 3-177. JULY, 1963, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	4.3	3.6	3.0	3.0	3.0	3.0	3.0	3.4	3.9	3.0	3.0	2.7	3.0	3.0	2.8	2.9	3.2	3.4	3.0	3.0	3.5	3.6	4.8	4.7	3.32	24	5.0
2	4.3	3.0	3.0	3.0	5.3	4.5	3.9	4.3	4.6	4.0	4.0	3.7	4.3	3.0	3.0	3.0	3.0	3.0	2.7	3.0	3.0	2.8	3.0	2.7	3.48	24	7.0
3	3.0	3.2	3.0	2.6	2.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.3	2.4	2.8	2.0	2.1	2.0	2.0	2.0	2.5	2.1	2.62	24	4.0
4	2.0	2.0	2.3	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.0	2.16	24	3.0
5	3.0	2.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.3			1.6	1.8	2.0	2.0	2.0	1.8	2.0	1.9	2.0	1.7	1.0	1.3	2.28	22	3.0
6*	1.5	1.4	1.8	1.8	2.0	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.0	1.0	1.0	1.19	24	2.0
7*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.03	24	2.0
8	2.0	2.0	1.6	1.0	1.0	2.0	2.0	2.7	2.1	2.0	2.2	2.2	2.1	2.0	1.6	1.0	1.9	1.0	1.0	1.3	2.0	1.2	1.0	1.0	1.65	24	3.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.5	2.0	3.3	3.8	1.28	24	5.0
10	2.9	2.3	1.7	1.0	2.0	2.0	2.0	2.0	2.0	1.5	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.9	1.0	1.0	1.43	24	3.0
11	2.3	2.8	2.0	2.0	2.0	2.0	2.5	2.3	2.0	1.7	1.4	1.0	1.0	1.0	1.0	1.8	2.3	4.5	2.6	2.1	2.3	2.1	2.2	2.5	2.04	24	5.0
12	3.2	3.8	4.0	3.8	3.0	3.3	4.0	4.9	3.7	2.8				4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.83	21	5.0
13*	4.0	4.1	4.1	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.5	3.4	4.0	4.0	4.4	4.1	4.0	4.0	4.0	3.97	24	5.0
14*	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.9	3.3	3.9	4.1	3.2	3.0	3.0	3.0	3.1	3.3	4.2	4.0	4.0	3.74	24	5.0
15	4.0	4.0	4.0	4.3	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.3	3.4	3.5	3.3	3.8	3.2	3.0	3.0	3.0	4.0	4.2	4.9	4.0	3.78	24	5.0
16	4.0	3.9	3.9	3.9	4.0	4.1	5.0	5.6	5.8	5.9	4.0	4.0	4.0	3.8	3.1	3.0	2.9	2.1	3.2	3.0	3.2	3.0	3.0	3.0	3.80	24	8.0
17	2.7	2.8	2.7	3.0	2.3	2.7	3.0	3.3	3.1	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.2	2.0	3.8	4.8	3.3	2.96	24	5.0
18	3.8	3.0	3.0	3.8	3.8	4.8	4.3	4.0	3.3	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.97	24	5.0
19	2.6	2.5	2.3								3.-	4.9	3.3	3.0	3.1	3.3	3.2	3.5	3.8	3.3	4.3	3.8	3.5	3.0	3.30	17	9.0
20*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.0	3.0	3.0	3.01	24	4.0
21*	3.0	3.0	3.0	3.0	2.8	3.0	3.0	3.0	2.7	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.97	24	3.0
22	3.0	3.0	2.9	2.9	3.0	3.0	3.1	3.1	3.3	3.1	3.1	3.1	3.8	3.8	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.08	24	4.0
23	3.0	3.0	3.5	3.8	3.0	3.0	3.2	3.4	3.0	3.4	3.1	3.0	3.0	3.0	3.0	3.0	3.2	3.0	3.0	3.0	2.8	3.0	3.3	4.2	3.15	24	6.0
24	5.5	4.3	3.3	3.0	3.0	3.0	3.0	3.6	3.3	3.0	3.0	3.0	3.2	3.0	3.1	3.0	3.1	3.0	2.8	2.8	3.0	3.2	4.6	5.1	3.36	24	6.0
25	4.5	4.5	3.4	3.1	4.0	4.0	4.8	4.9	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.8	6.3	3.3	3.0	3.0	2.6	2.9	3.8	5.4	3.71	24	10.0
26	4.3	3.0	3.0	3.0	3.0	3.0	3.0	3.6	3.0	3.0			2.2	2.1	2.0	2.6	3.3	5.6	2.9	4.4	6.5	5.8	5.8	5.4	3.66	22	7.0
27*	4.5	3.1	3.0	3.0	3.0	3.0	3.0	2.9	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.8	3.0	3.0	3.1	3.1	2.63	24	5.0
28*	3.0	3.2	2.7	2.8	2.7	2.5	2.0	2.0	4.8	2.0	2.0	2.6	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.5	2.0	2.0	2.0	2.40	24	7.0
29	2.0	2.0	2.0	2.0	2.3	3.3	3.0	3.3	3.8	2.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.8	2.4	2.35	24	5.0
30	3.0	2.6	2.5	2.7	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	2.3	2.15	24	3.0
31	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.6	2.4	2.0	2.6	2.0	2.4	2.0	2.0	2.0	2.5	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.14	24	5.0
MEAN	3.1	2.9	2.8	2.8	2.8	2.9	2.9	3.1	3.0	2.7	2.6	2.6	2.6	2.5	2.5	2.5	2.6	2.6	2.5	2.5	2.7	2.8	3.0	3.0	2.75		
NO.	31	31	31	30	30	30	30	30	30	30	28	28	30	31	31	31	31	31	31	31	31	31	31	31		730	
MAX	5.5	4.5	4.1	4.3	5.3	4.8	5.0	5.6	5.8	5.9	4.0	4.9	4.3	4.0	4.1	4.0	6.3	5.6	4.0	4.4	6.5	5.8	5.8	5.4	3.97		10.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-178. AUGUST, 1963. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1		2.8	2.0	2.3	2.0	2.0	2.0	2.0	2.6	3.4	2.6	2.16	23	5.0
2	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8		2.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.0	2.0	2.0	1.62	23	3.0
3*	2.0	1.6	1.6	2.0	2.0	2.0	2.8	2.0	1.9	2.0	1.3	1.6	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.4	1.9	2.2	3.7	1.67	24	4.0
4*	2.2	2.4	1.9	1.8	1.5	1.0	1.0	2.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.7	1.18	24	3.0
5	3.0	3.0	2.2	2.0	2.0	2.7	3.0	3.0	3.0	2.9	2.8	2.1	2.3	2.0	2.1	2.3	2.5	2.0	2.0	2.1	2.8	3.0	3.0	3.0	2.52	24	3.0
6	3.0	2.3	2.0	2.0	2.0	2.1	3.0	3.0	3.0	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	3.0	4.7	3.4	2.42	24	6.0
7	3.0	3.0	3.0	3.5	3.0	3.4	6.3	7.4	4.5	3.0	3.0	2.8	2.0	2.0	2.0	2.3	2.6	2.5	2.9	2.4	3.0	3.0	3.0	3.0	3.19	24	9.0
8	2.3	2.3	2.0	2.0	2.5	2.7	2.4	3.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.1	2.3	2.1	2.2	5.3	2.32	24	7.0
9	3.8	2.8	2.0	2.0	2.0	2.2	2.3	3.3	3.5		2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	4.1	3.3	2.3	2.0	2.46	23	5.0
10*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	21	2.0
11*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	3.0	3.0	2.4	2.0	2.0	2.0	2.0	2.0	2.13	24	3.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.8	3.3	3.9	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.18	24	4.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.00	24	3.0
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
16	2.0	2.0	2.0	3.4	2.5	2.9	2.3	2.9	2.1	2.0			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.6	3.0	3.5	2.33	22	5.0
17*	2.7	3.0	3.0	3.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.15	24	4.0
18*	2.1	2.0	2.4	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.03	24	3.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.2	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.10	24	4.0
20	2.2	2.2	2.0	2.0	2.4	2.0	2.0	2.7	2.8	2.6	2.3	2.3	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.3	2.6	2.0	2.0	2.18	24	4.0
21	2.0	2.0	2.0	2.0	2.6	2.3	2.8	2.7	2.3	2.0	2.8	2.3	2.3	2.3	2.4	2.6	4.2	6.1	5.9	4.3	4.0	3.0	3.3	5.0	3.03	24	8.0
22	3.5	3.0	2.8	3.0	2.3	2.3	2.5	3.1	3.7	3.0	2.7	2.6	3.3	2.3	2.0	2.0	2.0	2.2	2.6	2.0	2.3	2.6	2.3	2.0	2.57	24	5.0
23	3.6	3.2	3.0	3.5	3.0	3.0	3.0	3.0	2.4		2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.8	2.8	3.1	2.60	23	4.0
24*	2.0	2.1	3.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.04	24	3.0
25*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
26	2.5	3.0	2.3	2.0	2.0	2.0	2.3	3.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.9	2.17	24	4.0
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.2	2.09	24	4.0
28	2.5	2.5	2.0	2.0	2.0	2.0	2.0	2.6	3.2	3.1	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.18	24	4.0
29	2.0	2.0	2.3	2.5	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.2	2.3	2.3	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.7	3.3	2.17	24	4.0
30	1.6	1.3	2.0	2.0	1.6	1.1	1.0	1.0			2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.82	22	3.0
31*	2.0	2.0	2.0	2.6	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	3.0
MEAN	2.3	2.2	2.2	2.2	2.1	2.1	2.3	2.5	2.4	2.2	2.2	2.1	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.0	2.2	2.2	2.3	2.5	2.17		
NO	31	31	31	31	31	31	31	31	30	27	30	30	31	30	31	30	30	30	31	31	31	31	31	31		733	
MAX	3.8	3.2	3.0	3.5	3.0	3.4	6.3	7.4	4.5	3.1	3.0	3.3	3.9	2.3	2.8	2 6	4.2	6.1	5.9	4.3	4.1	3.3	4.7	5.3	3.48		9.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-179. SEPTEMBER, 1963, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS.	3 MIN. MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.5	3.1	2.12	24	4.0
2	2.4	3.0	2.3	2.1	3.0	3.0	2.3	2.5	3.1	4.2	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.0	2.36	24	5.0
3	2.0	2.7	2.0	2.0	2.0	2.0	2.0	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.05	24	3.0
4	3.3	2.3	2.0	2.0	2.3	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.09	24	4.0
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.00	23	3.0
7*	2.2	2.3	2.3	2.0	2.2	3.2	4.5	3.8	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.4	2.3	2.34	24	6.0
8*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
9	2.0	2.0	2.0	2.0	2.0	2.7	3.3	3.5	3.7	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.25	24	5.0
10	2.8	2.8	2.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.11	24	3.0
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.03	24	3.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.0	2.1	2.0	2.0	2.3	2.0	2.0	2.03	24	3.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	23	2.0
14*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
15*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	4.0
19	2.2	2.1	2.0	2.0	2.3	3.2	3.0	3.0	3.4	3.4	3.8	2.0	2.0	2.0	2.0	2.0	2.4	3.0	3.0	2.7	3.0	3.7	3.0	3.0	2.33	24	6.0
20	3.4	3.2	2.8	3.1	2.4	3.0	4.0	4.4	4.3	2.4	2.0	2.0	2.0		3.0	2.2	2.7	2.4	2.8	2.0	2.0	2.0	2.0	2.0	2.69	23	5.0
21*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
22*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
25	2.0	2.1	3.0	3.0	3.0	3.0	3.3	4.4	3.0	2.3	3.0	2.1	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.44	24	5.0
26	3.8	3.8	3.8	3.0	3.0	3.0	3.2	3.8	3.3	3.1	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.3	2.8	2.5	4.2	3.5	3.0	2.84	24	5.0
27	3.2	3.6	4.3	4.3	2.2	2.0	3.0	3.7	4.4		2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.0	3.9	2.9	2.5	3.0	3.0	2.84	23	5.0
28*	2.3	2.8	2.8	3.5	5.5	3.7	3.3	4.5	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.93	24	7.0
29*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.02	24	3.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
MEAN	2.2	2.3	2.3	2.2	2.3	2.3	2.4	2.6	2.4	2.2	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.1	2.1	2.2	2.3	2.2	2.18		
NO.	30	30	30	30	30	30	30	30	30	27	30	30	30	29	30	30	30	30	30	30	30	30	30	30		716	
MAX	3.8	3.8	4.3	4.3	5.5	3.7	4.5	4.5	4.4	4.2	3.8	2.3	2.3	2.0	3.0	2.4	3.0	3.0	3.0	3.9	3.7	4.2	4.2	3.1	2.84		7.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-180. OCTOBER, 1963, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	2.0	2.0	2.0	2.0	2.0	2.0	2.8	3.6	3.5	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.2	2.8	2.3	3.7	3.6	2.42	24	6.0
2	2.8	3.8	2.4	2.5	2.9	2.7	3.3	3.7	3.6	3.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.6	2.2	2.6	2.8	2.53	24	5.0
3	2.7	2.0	2.0	2.0	2.0	3.0	3.0	3.6	3.0		2.0	2.3	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.24	23	4.0
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		0.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.91	23	2.0
5*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.9	3.0	2.4	2.0	2.8	2.14	24	3.0
6*	2.3	2.6	3.0	3.0	3.0	3.2	4.0	3.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.2	4.0	3.3	3.8	4.3	4.0	4.4	3.28	24	5.0
7	5.0	5.4	4.9	5.4	5.0	4.3	5.0	4.9	4.3	5.0	4.3	4.0	3.1	3.0	3.0	3.0	3.3	4.0	4.6	4.4	4.0	4.4	4.1	4.9	4.29	24	6.0
8	4.0	4.0	4.8	5.2	4.1	4.0	5.0	5.3	4.8	4.0	4.0	3.2	3.2	3.2	3.4	3.8	4.0	3.7	4.0	4.0	3.5	3.4	3.8	3.8	3.99	24	6.0
9	3.0	3.0	3.0	3.0		3.1	3.8	4.0	3.9	3.4	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	3.9	3.0	3.0	3.3	3.3	3.20	23	5.0
10	4.8	4.7	4.5	4.3	4.0	4.0	4.5	5.5	5.0	3.3	3.0	3.0	2.8	2.6	2.3	2.0	2.4	2.0	2.0	2.0	2.0	2.0	2.4	3.6	3.27	24	7.0
11	2.3	2.0	2.0	2.0	2.0	2.0	2.6	4.2	3.8	3.0		2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.3	2.0	2.0	2.1	2.31	23	5.0
12*	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
13*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
14	2.0	2.0	2.3	2.8	2.3	2.8	3.7	3.8	3.0	2.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.31	24	5.0
15	2.7	2.3	3.0	3.0	3.0	3.2	4.7	3.3	2.4	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.6	3.0	4.3	4.1	2.5	2.4	3.5	2.75	24	5.0
16	2.3	3.0	3.8	3.8	4.0	3.5	4.2	4.5	4.9	2.9	2.1	2.0	2.0	2.0	2.0	2.0	2.1	3.6	6.1	6.1	4.6	5.0	4.1	5.0	3.56	24	7.0
17	4.2	2.9	2.6	2.2	2.0	2.1	2.4	2.8	2.6	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.1	6.8	6.0	3.2	2.6	2.0	2.8	2.80	24	9.0
18	3.0	3.0	3.0	3.4	2.4	2.1	3.0	4.2	4.7						3.8	4.1	4.3	3.8	6.2	8.8	5.1	3.3	4.5	3.0	3.96	19	10.0
19*	4.0	6.2	7.0	7.3	7.4	8.8	8.0	7.8	6.3	5.1	7.0	9.8	4.6	3.0	3.0	3.0	3.2	4.2	4.2	4.7	5.2	4.2	5.3	6.6	5.64	24	11.0
20*	6.8	7.4	7.2	5.0	4.3	4.1	4.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	3.73	24	8.0
21	2.3	3.0	3.0	3.0	3.0	3.0	3.9	5.0	5.0	3.8	3.0	3.0	3.0	4.0	4.0	4.7	5.0	5.1	5.4	4.1	4.0	4.0	4.0	4.0	3.83	24	6.0
22	3.8	3.2	3.0	3.0	3.0	3.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.79	24	4.0
23	4.0	4.0	4.0	4.0	4.0	4.0	4.4	5.0	4.3	4.0	4.0	4.0	4.0	4.0	4.6	5.1	5.6	5.0	5.0	6.3	6.2	5.8	5.0	5.4	4.64	24	7.0
24	8.3	6.0	6.0	6.3	6.2	6.8	7.1	8.3	6.9	5.3	5.0	5.5	5.7	5.0	5.0	5.0	5.0	5.4	5.7	6.1	5.3	5.3	5.2	5.6	5.90	24	9.0
25	5.0	5.0	5.2	5.8	6.4	7.0	7.5	10.2	9.7	6.3		5.8	5.0	4.7	4.0	4.3	4.8	4.0	4.0	4.0	4.0	4.0	4.0	4.0	5.40	23	12.0
26*	4.0	4.0	5.6	5.0	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.9	5.0	4.8	5.0	5.0	5.6	5.2	6.3	6.1	6.6	6.6	6.1	4.90	24	8.0
27*	7.0	6.3	6.2	7.2	8.0	7.0	7.3	10.3	9.5	7.6	7.0	6.4	5.3	5.7	5.0	5.0	5.0	5.9	6.0	5.3	5.2	5.1	5.6	6.3	6.45	24	11.0
28	10.2	7.8	5.6	4.5	4.0	4.0	4.0	4.0	4.5	5.0	4.8	4.0	4.0	4.1	4.0	4.0	4.0	4.6	4.1	4.0	4.0	4.0	4.0	4.0	4.62	24	11.0
29	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.4	4.2	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.02	24	5.0
30	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	4.7	5.0	4.7	4.8	5.0	4.8	4.3	4.0	4.0	4.0	4.0	4.0	4.22	24	5.0
31	4.0	4.0	4.3	4.3	4.0	4.0	4.0	4.3	5.0	5.0		4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.0	4.0	4.1	5.0	4.2	4.0	4.18	23	5.0
MEAN	3.8	3.7	3.8	3.7	3.6	3.7	4.1	4.5	4.2	3.8	3.2	3.4	3.2	3.1	3.1	3.2	3.3	3.4	3.8	4.0	3.6	3.5	3.5	3.8	3.62		
NO.	31	31	31	31	30	31	31	31	31	28	27	30	30	30	31	31	31	31	31	31	31	31	31	31		733	
MAX	10.2	7.8	7.4	7.3	8.0	8.8	8.0	10.3	9.7	7.6	7.0	9.8	5.7	5.7	5.0	5.1	5.6	5.9	6.8	8.8	6.2	6.6	6.6	6.6	6.45		12.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-181. NOVEMBER, 1963. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	DAILY MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	2.7	3.0		4.6	3.0	3.0	3.0	3.3	3.3	3.2	3.0	3.0	3.1	3.0	3.0	2.6	2.77	23	9.0
2*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
3*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
4	2.0	2.4	2.0	2.0	2.0	2.0	3.3	3.0	3.0	3.3	2.3	2.0	2.0	2.0	2.0	2.0	2.2	2.7	2.1	2.1	2.0	2.8	3.0	3.0	2.42	24	4.0
5	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	3.2	2.3	2.0	2.0	1.6	1.7	1.8	2.0	2.0	2.0	2.0	1.8	1.8	1.3	1.5	1.97	24	4.0
6	1.0	1.5	2.0	1.6	1.2	1.9	1.2	1.6	2.3	2.0	2.0	1.9	1.8	1.9	2.3	2.0	2.3	2.4	2.0	2.0	1.3	1.3	1.0	1.0	1.71	24	3.0
7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.8	2.0	2.0	1.8	1.2	1.1	1.0	1.1	1.1	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.19	24	2.0
8	2.0	2.0	2.0	2.0	1.9	1.2	1.5	1.9	2.0			2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.93	22	3.0
9*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.8	2.9	3.0	2.11	24	3.0
10*	2.0	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.8	2.6	2.0	2.0	2.0	2.3	2.2	2.14	24	4.0
11	4.4	2.0	2.3	2.7	2.4	2.2	2.7	2.8	3.3	4.5	3.0	2.0	2.0	2.0	2.0	2.0	2.1	2.5	2.3	3.2	4.2	5.3	4.6	2.3	2.64	24	6.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.04	24	3.0
13	2.0	2.0	2.0	2.0	2.2	3.3	3.8	2.5	2.9	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.0	2.1	2.0	2.0	2.0	2.0	2.22	24	6.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.1	2.1	2.0	2.0	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.02	23	3.0
16*	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
17*	2.0	2.0	2.3	3.0	2.3	2.1	2.2	3.0	3.0	5.0	4.2	3.3	2.3	2.0	2.0	2.0	2.3	2.9	2.5	2.0	2.2	2.0	2.0	2.8	2.55	24	6.0
18	3.3	3.1	2.8	3.8	4.0	4.3	4.3	3.9	4.2	3.6	3.0	3.0	3.8	3.4	3.0	2.9	3.3	3.8	3.3	3.0	3.0	3.4	3.3	2.0	3.39	24	5.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.02	24	3.0
20	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	3.8	3.2	2.1	2.0	2.2	2.0	2.0	2.0	2.2	2.3	2.0	2.1	2.0	2.0	2.0	2.0	2.20	24	4.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	4.3	2.8	2.3	2.0	2.0	2.0	2.0	2.5	2.9	3.0	2.7	2.8	3.0	3.0	4.0	2.39	24	5.0
22	4.3	3.8	4.0	4.0	3.8	5.2	5.3	7.2	8.8	7.9	4.0		3.1	2.3	2.8	2.3	3.0	3.0	2.6	2.0	2.7	3.0	2.8	2.0	3.90	23	10.0
23*	2.0	2.0	2.0	2.0	2.6	5.7	2.1	2.0	2.0	2.0	2.0	2.0	2.8	2.6	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.11	24	4.0
24*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
25																											
26																											
27																											
28	3.9	5.3	4.6	3.9	3.1	1.8	1.3	2.6	2.0	1.9	2.4	1.3	1.2	2.0	1.6	1.4	2.0	2.0	1.8	1.7	1.3	1.0	1.0	1.0	2.15	24	6.0
29	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1			2.7	2.9	2.2	2.2	2.0	2.6	2.8	2.5	2.2	2.0	2.0	2.0	2.0	1.76	22	3.0
30*	2.0	2.0	2.0	2.0	1.9	1.4	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.96	24	2.0
MEAN	2.1	2.2	2.2	2.2	2.1	2.1	2.2	2.4	2.6	2.7	2.3	2.2	2.2	2.1	2.1	2.0	2.2	2.4	2.2	2.1	2.1	2.2	2.2	2.1	2.20		
NO.	27	27	27	27	27	27	27	27	27	24	24	26	27	27	27	27	27	27	27	27	27	27	27	27		641	
MAX	4.3	5.3	4.6	4.0	4.0	5.2	5.3	7.2	8.8	7.9	4.2	4.6	3.8	3.4	3.0	3.3	3.3	3.8	3.3	3.2	4.2	5.3	4.6	4.0	3.90		10.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-182. DECEMBER, 1963. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	3-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.01	24	3.0
2	2.3	3.2	2.8	2.8	4.8	4.1	4.5	4.5	4.3	2.9	2.4	2.0	2.0	2.0	2.1	2.0	2.0	2.3	2.0	2.0	2.0	2.1	2.3	2.0	2.72	24	6.0
3	2.8	2.3	2.8	3.0	3.0	3.0	3.8	4.0	4.0	3.0	3.0	3.0	2.3	2.3	2.0	2.0	2.1	2.4	2.0	2.1	2.0	2.0	2.0	2.0	2.62	24	4.0
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.2	2.8	2.3	2.05	24	3.0
5	2.0	2.0	2.0	2.0	2.0	4.6	2.4	2.2	2.8	3.2	2.3	2.0	2.0	2.0	2.0	2.2	2.3	2.8	2.3	2.0	2.0	2.0	2.0	2.6	2.22	24	4.0
6	3.0	3.0	3.0	2.2	2.0	2.0	2.0	2.2	3.0	2.6	2.0				2.5	2.5	2.4	3.2	2.4	2.0	2.3	2.3	2.2	2.3	2.41	21	4.0
7*	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.8	3.1	2.8	2.0	2.2	2.0	2.9	3.0	3.0	3.0	3.5	3.2	3.0	3.0	3.3	3.0	4.1	2.66	24	5.0
8*	2.8	2.5	2.8	2.8	2.6	4.0	2.6	2.3	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.25	24	3.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.2	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	5.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
11	2.0	2.0	1.9	1.8	1.6	1.5	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	1.93	24	4.0
12																											
13																											
14*	2.8	2.8	2.1	2.5	2.8	2.4	2.8	2.0	2.6	4.5	2.0	2.0	2.0	2.0	2.0	1.9	2.0	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.93	24	4.0
15*																											
16																											
17																											
18																											
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.0	2.2	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.06	13	4.0
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
													2.0		2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.01	20	3.0
21*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
22*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.1	2.0	2.6	2.5	2.07	24	4.0
23	3.6	2.9	2.5	2.8	2.2	2.4	2.9	3.1	3.2	3.7	3.1	3.3	3.4	3.5	3.0	3.3	3.2	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.76	24	6.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.1	2.4	2.0	2.0	2.0	2.03	24	3.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
26	2.6	2.3	2.4	3.1	3.2	2.6	2.7	3.4	4.6	2.6	2.7	2.8	2.0	2.3	2.3	2.7	2.4	3.2	4.6	6.3	4.6	3.2	3.8	4.7	3.18	24	7.0
27	4.9	5.0	3.2	3.2	3.0	2.5	2.8	3.0	3.1	3.0	3.0		2.6	2.8	2.6	3.0	2.9	3.5	3.2	3.0	3.0	2.1	2.0	2.0	3.01	23	6.0
28*	2.0	2.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	3.0
29*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.02	23	3.0
31	2.0	2.1	2.3	2.8	2.6	2.8	3.0	3.1	3.5	3.1	2.8	2.0	2.0	2.1	2.0	2.1	2.2	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.35	24	4.0
MEAN	2.4	2.3	2.2	2.3	2.3	2.2	2.4	2.4	2.6	2.4	2.2	2.2	2.1	2.2	2.1	2.2	2.2	2.3	2.2	2.2	2.2	2.1	2.1	2.2	2.25		
NO	25	25	25	25	25	25	25	25	25	24	23	23	25	24	26	26	26	26	26	26	26	26	26	26		604	
MAX	4.9	5.0	3.2	3.2	4.8	4.1	4.5	4.5	4.6	3.7	3.1	3.3	3.4	3.5	3.0	3.3	3.2	3.5	4.6	6.3	4.6	3.3	3.8	4.7	3.18		7.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-183. JANUARY, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.0	3.0	3.0	2.6	2.0	3.4	4.1	2.31	24	5.0
3	3.7	3.9	3.3	3.0	2.3	3.0	3.6	3.0	3.5	3.2	3.0	4.3	3.4	3.8			3.5	4.7	3.6		3.1	4.0	3.7	4.8	3.53	21	6.0
4*	3.9	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.10	24	5.0
5*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.2	3.0	3.1	4.5	2.32	24	5.0
6	4.5	5.3	4.1	3.8	4.0	2.7	2.0	2.0	2.1	2.1	3.1	2.8	2.0	2.2	2.3	2.6	2.8	3.4	2.3	2.2	2.7	2.3	3.0	2.7	2.85	24	6.0
7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.0	3.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.12	24	4.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	3.0	3.0	2.2	2.0	2.0	2.0	2.0	2.0	2.1	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.14	24	3.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.1	3.2	2.3	2.0	2.0	2.0	2.0	2.0	2.4	3.0	2.5	2.1	3.0	2.1	2.0	2.0	2.24	24	4.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	23	2.0
11*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
12*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.98	24	2.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
15	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.3	2.0	2.0	2.5	2.0	2.0		2.0	2.0	2.3	3.0	3.0	2.9	2.3	2.0	2.22	23	4.0
16	2.0	2.0	3.0	3.0	3.1	3.3	3.0	3.7	4.0	4.0	3.1	3.0	2.0	2.0	2.0	2.0	2.0	2.7	3.0	2.4	2.0	2.4	2.9	3.0	2.72	24	4.0
17	3.0			2.8	3.3	3.0	3.0	2.7	2.4	2.0	2.0	2.0	2.0	2.0				3.5	3.0	2.0	2.0	2.1	2.6	2.5	2.52	19	5.0
18*	2.5	4.0	4.1	5.0	5.0	4.5	4.6	5.0	5.3	5.7	6.3	4.0	3.8	3.0	3.0	3.2	2.6	3.0	2.5	2.5	3.4	3.1	2.8	3.0	3.82	24	8.0
19*	3.0	3.0	3.2	3.8	4.0	4.0	3.9	7.3	6.3	6.0	4.1	3.0	2.1	3.0	3.1	2.5	2.0	2.2	2.0	2.5	2.2	2.3	2.0	2.0	3.30	24	8.0
20	2.2	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	3.0	3.4	3.0	3.0	2.8	4.3	2.9	2.0	2.0	2.0	2.0	2.0	2.0	2.40	24	5.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	2.0	2.0	2.0	2.0	2.8	2.5	3.4	3.3	2.9	2.0	2.0	2.18	24	4.0
22	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	3.3	3.2	3.7	4.5	5.7	2.45	24	6.0
23	5.5	4.5	3.0	3.0	3.0	3.5	4.0	4.5	3.7	3.9	3.6	3.0	3.1	2.7	2.0	2.0	2.2	3.0	3.3	3.1	2.6	2.0	2.0	2.0	3.12	24	6.0
24	2.3	3.0	2.3	3.0	3.3	4.3	4.3	4.0	4.2	4.1	4.3				3.8	3.7	3.8	4.6	4.0	4.0	4.0	4.0	3.8	3.0	3.69	21	5.0
25*																											
26*																											
27																											
28																											
29																											
30	3.1	2.9	3.0	2.1	2.0	2.0	2.4	2.3	2.9	2.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.0	2.0	2.0	2.0	2.24	24	4.0
31	2.0	2.0	2.0	2.0	2.0	2.1	2.2	2.8	3.1	2.4	2.2	2.0	2.1	2.7	2.2	2.7	2.1	2.2	2.0	2.5	2.8	2.4	2.0	2.1	2.25	24	4.0
MEAN	2.5	2.5	2.4	2.4	2.5	2.5	2.5	2.7	2.9	2.8	2.6	2.4	2.2	2.3	2.2	2.2	2.3	2.6	2.4	2.4	2.5	2.4	2.5	2.6	2.47		
NO	26	25	25	26	26	26	26	26	26	26	26	25	25	24	24	23	25	26	26	25	26	26	26	26		611	
MAX	5.5	5.3	4.1	5.0	5.0	4.5	4.6	7.3	6.3	6.0	6.3	4.3	3.8	3.8	3.8	3.7	4.3	4.7	4.0	4.0	4.0	4.0	4.5	5.7	3.82		8.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-184. FEBRUARY, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX.
1*	2.0	2.9	3.0	3.0	2.8	2.0	2.5	3.0	3.0	3.2	3.0	2.7	2.2	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.40	24	4.0
2*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	8.0
4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	1.9				2.0	2.2	2.1	2.1	2.0	2.7	2.04	21	3.0
5	2.8	2.0	2.3	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.7	2.0	2.0	2.0	2.0	2.1	2.0	2.4	2.6	3.0	4.3	6.5	2.45	24	7.0
6																											
7										2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.2	2.7	2.2	2.3	2.0	2.0	2.0	2.17	15	4.0
8*	2.0	2.0	1.9	1.1	1.0	1.0	1.1	2.0	1.4	1.4	1.8	1.7	1.3	1.1	1.2	1.2	1.2	1.1	1.1	1.4	1.6	1.3	1.8	2.0	1.43	24	2.0
9*	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.6	1.8	1.7	1.8	2.0	2.0	2.0	2.0	2.0	2.0	1.39	24	2.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.3	2.1	2.0	2.02	24	3.0
11	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.01	24	3.0
12	2.0	1.7	1.9	2.0	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.1	2.1	2.3	1.99	24	4.0
13	2.1	2.0	2.0	2.4	2.9	2.0	3.8	6.8	5.4	2.4	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.2	2.0	2.0	2.8	2.4	2.0	2.0	2.55	24	7.0
14	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.00	22	3.0
15*	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	2.8	2.0	2.0	2.0	2.1	2.0	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.10	24	3.0
16*																											
17																											
18	4.2	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	2.8	3.0	3.0	3.0	3.0	3.0	3.06	24	5.0
19	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.00	24	4.0
20	3.0	2.9	3.0	3.0	2.3	2.2	2.7	3.0	3.0	3.0	3.0	2.3	2.8	2.8	2.8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.1	2.81	24	3.0
21	2.1	2.0	2.0	2.0	2.0	2.1	2.5	3.0	3.0	2.5				3.0	3.0	3.0	3.1	3.2	3.0	3.0	3.0	3.0	3.0	3.0	2.68	21	4.0
22*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.4	3.8	3.1	3.4	3.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	3.58	24	4.0
23*	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0				2.3	2.1	2.1	2.0	2.2	2.0	2.1	2.2	2.8	2.6	3.0	3.10	21	4.0
24	3.0	3.0	3.0	3.0	3.1	3.3	3.9	3.9	3.8	3.0	3.0		2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.60	23	4.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0				2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	21	3.0
26	2.8	2.7	2.5	2.2	3.0	3.0	4.9	5.5	3.0	2.7	2.5					2.0	2.9	2.9	2.1	2.3	2.3	2.0	2.0	2.0	2.76	20	8.0
27																											
28																											
29*	1.1	1.0	1.0	1.2	1.8	1.5	2.0	2.0	2.0	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.1	2.6	2.4	1.86	24	3.0
MEAN	2.4	2.3	2.3	2.3	2.3	2.2	2.5	2.8	2.6	2.3	2.3	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.2	2.3	2.3	2.3	2.4	2.5	2.33		
NO.	23	23	23	23	23	23	23	23	23	24	20	18	20	23	23	23	23	23	24	24	24	24	24	24		548	
MAX	4.2	4.0	4.0	4.0	4.0	4.0	4.9	6.8	5.4	4.0	3.4	3.5	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.3	6.5	3.58		8.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-185. MARCH, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1*	2.5	2.5	2.4	2.0	2.8	3.3	3.2	3.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	2.2	2.3	2.0	2.0	2.7	2.9	2.36	24	4.0
2	2.7	2.3	3.2	2.0	2.1	2.7	3.8	3.3	4.3	3.3	2.0	2.0	2.1	2.2	2.0	2.0	2.2	2.3	2.5	2.6	2.4	2.1	2.8	2.3	2.54	24	6.0
3	2.0	2.0	2.0	2.0	2.1	2.3	2.4	2.4	3.7	3.1	3.0	3.0	2.7	2.0		2.6	3.1	3.0	2.9	2.8	3.6	3.8	3.8	4.0	2.78	23	4.0
4	3.8	3.2	3.8	4.1	4.3	4.8	5.0	4.6			2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.79	22	6.0
5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.2	2.1	2.0	2.0	2.0	2.0	2.0	1.9	2.0	1.8	1.4	2.00	24	3.0
6	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.9	2.0			2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.6	2.0	2.8	3.1	1.80	22	4.0
7*																											
8*																											
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.2	4.0	3.2		2.0	2.3	2.3	2.7	2.8	3.1	3.8	4.1	2.0	2.0	2.0	2.2	2.0	2.49	23	5.0
10	1.9	3.3	3.2	3.3	4.7	5.1	4.6	5.7	6.8	5.3	3.8	3.5	2.9	1.0	1.0	1.0	1.3	1.5	1.0	1.0	1.0	1.0	1.0	1.0	2.73	24	9.0
11	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	2.0
12	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.3	1.0	1.0	1.0	1.0			2.5	3.3	3.4	2.3	2.0	2.0	2.3	2.0	2.0	1.68	22	5.0
13	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0		2.0	2.3	2.0	2.3	2.1	2.0	2.0	2.0	2.02	22	3.0
14*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.7	3.1	2.8	2.8	2.8	3.0	2.8	2.8	2.0	2.29	24	4.0
15*	2.1	2.0	2.7	2.5	3.0	2.6	2.0	2.0	1.6	1.3	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.06	24	3.0
16	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.5	6.0	7.9	5.3	2.57	24	10.0
17	4.0	3.3	3.7	3.3	3.0	3.0	2.0	2.1	2.8	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	2.0	2.0	2.0	2.0	2.0	2.0	2.44	24	4.0
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
20	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.1	2.3	2.8	2.5	2.5	2.0	2.3	2.0	2.0	2.10	22	4.0
21*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
22*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
23	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.1	2.0	2.6	4.0	3.0	2.15	24	6.0
24	3.3	3.2	3.0	3.0	3.4	4.0	5.0	5.8	4.9	3.8	2.7	2.1	2.0	2.3	2.0	2.0	2.1	2.2	2.0	2.1	2.5	2.3	2.1	2.0	2.90	24	7.0
25	2.0	2.2	3.7	3.0	3.0	3.1	3.8	3.9	3.8	3.0	3.0	3.0	2.7	2.0	2.2	2.6	2.8	3.0	3.3	2.7	2.6	3.3	2.1	2.0	2.85	24	6.0
26	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.7	3.0	2.6	2.6	2.8	2.2	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.16	24	3.0
27	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	2.0
28*	2.0	2.0	2.0	2.3	2.2	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.0	2.10	23	3.0
29*	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.4	2.4	2.6	2.9	3.0	3.0	3.0	3.0	3.0	3.0	2.37	24	3.0
30	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.5	3.2	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.03	24	4.0
31	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.7	4.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.46	23	4.0
MEAN	2.2	2.2	2.3	2.2	2.3	2.4	2.5	2.6	2.7	2.3	2.2	2.1	2.1	2.0	2.1	2.1	2.2	2.4	2.2	2.1	2.2	2.3	2.5	2.3	2.27		
NO	29	29	29	29	29	29	29	29	28	25	26	29	29	27	26	28	29	29	29	29	29	29	29	29		682	
MAX	4.0	3.3	3.8	4.1	4.7	5.1	5.0	5.8	6.8	5.3	3.8	3.5	3.0	3.0	3.0	3.0	3.3	3.8	4.1	3.0	3.6	6.0	7.9	5.3	3.03		10.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-186. APRIL, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.0	2.0	2.0	1.8	2.0	2.0	1.8	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	1.98	24	3.0
2	2.3	2.0	2.5	2.7	2.5	2.0	2.8	5.2	4.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.33	24	6.0
3	2.0	2.0	2.3	2.8	4.1	2.3	2.1	3.3	2.3	2.2		2.0	2.2	2.0	2.0	2.0	2.0	2.1	1.3	1.0	1.2	1.0	1.0	1.0	1.99	23	5.0
4*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.5	1.6	1.6	1.8	2.0	1.9	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.1	2.0	1.56	24	3.0
5*	2.0	2.0	2.0	2.0	2.0	1.5	1.4	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.93	24	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	3.3	4.1	3.3	2.8	2.8	2.0	2.3	3.0	2.32	24	5.0
7	2.5	2.0	2.5	2.5	2.0	2.0	2.0	2.4	4.1	4.0	2.9	3.0	3.1	3.4	3.0	3.5	4.5	5.3	4.0	4.0	4.3	3.3	3.1	2.8	3.16	24	7.0
8	2.1	3.1	3.6	4.1	4.2	3.9	5.3	4.6	6.2	4.6	4.2	4.6	3.1	3.0	2.4	2.2	2.8	2.9	2.1	2.0	2.0	2.0	2.0	2.0	3.28	24	7.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.4	2.04	24	3.0
10		2.0	2.0	2.0	2.0	2.0	2.1	2.9	2.2	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.2	2.0	2.9	3.3	3.0	3.1	3.0	2.29	22	5.0
11*	2.5	3.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.3	1.5	2.0	1.8	2.0	1.9	1.8	2.0	2.0	1.6	1.5	1.96	24	4.0
12*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.40	24	2.0
13	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.8	2.3	2.2	1.9	1.3	1.1	1.0	1.0	1.0	1.5	2.1	1.4	1.0	1.0	1.0	1.0	1.0	1.27	24	3.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.5	1.2	1.0	1.2	1.0	1.0	1.1	1.0	1.8	1.0	1.1	1.1	1.0	1.0	1.0	1.08	24	3.0
15	1.3	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.7	1.6	1.1	1.0	1.0	1.1											1.13	14	3.0
16																											
17	3.7	2.7	3.0	2.0	2.3	2.0	2.0	2.8	2.7	2.3	2.6	2.1	2.1	2.2		2.0	2.3	3.1	3.8	4.3	4.9	3.7	3.3	3.3	2.82	23	5.0
18*	3.3	6.2	3.8	4.7	5.9	5.3	4.8	4.6	3.3	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.6	2.0	2.0	2.8	3.9	2.5	2.2	2.0	3.09	24	8.0
19*	2.0	1.9	2.0	2.0	1.8	1.2	1.1	1.1	1.3	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.6	1.3	1.3	1.74	24	2.0
20	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.73	24	3.0
21	2.0	1.4	2.0	1.8	1.8	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.3	2.0	2.0	1.8	1.7	1.1	1.3	1.89	24	3.0
22	1.1	1.0	1.0	1.0	1.0	1.2	1.7	2.0	2.3	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.3	2.7	2.8	2.2	2.0	2.0	2.0	2.0	1.84	24	4.0
23	2.0	1.9	2.0	1.3	1.1	1.0	1.9	2.0	2.0	2.0	1.8	1.8	1.8	1.9	2.0	1.9	2.0	2.0							1.79	18	2.0
24											2.0	1.6	1.9	1.4	1.5	1.5	1.6	1.9	1.3	1.0	1.4	1.8	1.9	2.0	1.62	14	2.0
25*	2.0	2.0	2.0	2.0	1.8	1.1	1.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0		2.0	2.0			1.90	21	2.0
26*																											
27	1.6	1.6	2.0								1.3	1.8	1.3	1.5	1.4	1.7	1.9	1.3	1.0	1.0	1.1	1.3	1.3	1.3	1.43	17	2.0
28	1.3	1.2	1.0	1.0	1.0	1.2				2.0		2.0		2.0	2.0	2.3		1.8	1.5	1.2	1.1	1.3	1.9	2.0	1.53	18	3.0
29	1.8	1.4	1.2	1.3	1.2	1.8	1.9	2.0	2.0	2.0	1.9	1.8	1.8	2.0	2.0	2.0		1.9	1.6	1.5	1.3	1.1	1.9	1.6	1.68	23	2.0
30	2.0	1.3	1.4	1.0	1.0	1.0	1.7				2.0	1.8	2.0	2.0	1.8	1.8		1.7	1.8	1.5	1.8	2.0	1.9	1.8	1.65	20	2.0
MEAN	1.9	1.9	1.9	1.9	1.9	1.8	2.0	2.3	2.4	2.1	2.0	1.9	1.9	1.9	1.9	1.9	2.1	2.2	2.0	2.0	2.1	1.9	1.9	1.9	1.97		
NO	26	27	27	26	26	26	25	24	24	25	26	28	27	28	25	27	24	27	26	25	26	26	25	25		621	
MAX	3.7	6.2	3.8	4.7	5.9	5.3	5.3	5.2	6.2	4.6	4.2	4.6	3.1	3.4	3.0	3.5	4.5	5.3	4.0	4.3	4.9	3.7	3.3	3.3	3.28		8.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-187. MAY, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	2.0	1.9	1.8	1.3	1.3	1.9					1.9	1.8
2*	2.0	1.9	2.0	1.9	1.3	1.7	2.0	2.0	2.0	2.0	1.9	2.0
3*	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0
4	2.0	2.0		2.0	2.0	2.0						1.8
5	1.9	2.0									2.0	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.9	2.8	2.0	2.0	2.0
7	3.4	2.3	2.0	2.0	2.8	3.9	3.4	3.8	2.8	2.4	2.4	2.0
8	3.4	3.6	6.0	3.9	4.9	5.0	7.8	10.3	4.8	3.6	2.1	
9*												
10*												
11												
12												
13												
14	2.2	2.0	1.5	1.4	1.0	1.5	1.6	1.8	1.7		1.0	1.0
15	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.2	1.7	1.3	1.0	1.0
16*	1.3	1.0	1.5	1.2	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1
17*	2.2	1.6	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
18	1.0	1.3	1.0	1.2	1.0	1.1	1.2	1.5	1.1	1.0	1.0	1.0
19	5.8	6.7	7.1	7.2	5.3	4.3	4.1	3.1	2.9	2.5	2.0	2.0
20												
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	2.0
22	2.4	3.0	3.0	2.8	2.5	3.8	3.0	2.0	2.1		2.1	2.1
23*	3.0	2.3	2.5	2.2	2.0	3.1	4.4	4.3	3.1	1.9	1.8	1.8
24*	3.2	3.1	3.0	4.3	8.8	3.4	4.1	4.7	4.1	3.6	2.1	1.3
25	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.5	1.4	1.5	1.3
26	1.3	1.3	1.4	1.6	1.9	2.0	2.4	2.0	2.0	2.0	2.0	1.9
27	2.0	2.1	2.6	2.5	2.2	2.4	3.0	2.7	2.0	2.0	2.0	2.0
28	1.0	1.3	2.0	2.0	1.8	2.0	2.0	2.0	2.0	1.8	1.6	2.0
29	1.3	1.0	1.0	1.0	1.1	1.6	1.9	1.7	1.8	1.7	1.8	1.4
30*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.6	1.9	2.0		2.0
31*	2.0	2.2	2.5	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0
MEAN	2.2	2.1	2.3	2.1	2.3	2.2	2.5	2.6	2.2	2.0	1.8	1.7
NO.	25	25	23	24	24	23	22	22	22	20	23	24
MAX	5.8	6.7	7.1	7.2	8.8	5.0	7.8	10.3	4.8	3.6	2.4	2.1

DAY OF MONTH	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	2.0	2.0	2.0			1.8	1.9	2.0	1.8	2.0	2.0	2.0	1.86	18	2.0
2*	2.0	2.0	1.6	1.8	1.3	1.3	1.9	2.0	1.6	2.0	2.0	2.0	1.84	24	2.0
3*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.8	2.0	2.0	2.0	1.98	23	2.0
4	1.1	1.3	1.6	1.3	1.6	1.6	1.3	1.0	1.4	1.8	1.3	1.0	1.55	18	2.0
5	2.0	2.0	2.0	2.0	2.0	1.8	1.8	1.9	2.0	2.0	2.2	2.0	1.97	16	3.0
6	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.3	3.0	2.13	24	3.0
7	2.0	2.5	2.0	2.2	2.8	2.3	2.3	3.0	2.5	3.0	3.0	3.0	2.60	24	5.0
8	2.0	2.0											4.56	13	14.0
9*															
10*															
11															
12															
13															
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.24	23	3.0
15	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.8	1.4	1.0	1.3	1.15	24	3.0
16*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	1.09	21	3.0
17*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.08	24	3.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.0	3.6	4.4	6.4	1.60	24	7.0
19	1.9	2.0	2.0	2.0	2.0	1.8	2.0	1.7	2.0	2.0	2.0	2.0	3.17	24	8.0
20															
21	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	2.0	2.1	2.0	2.01	24	3.0
22	2.0	2.0	2.0	2.0	2.1	2.0	2.3	2.5	3.3	2.8	2.6	2.8	2.49	23	5.0
23*	1.2	1.1	1.0	1.2	1.1	1.7	2.5	2.4	3.5	3.4	4.1	3.8	2.46	24	5.0
24*	1.0	1.3	1.0	1.8	2.0	2.0	2.0	2.0	2.6	3.0	3.0	2.4	2.89	24	11.0
25	1.3	1.4	1.5	1.4	1.8	1.1	1.2	1.9	1.7	1.4	1.8	1.4	1.34	24	2.0
26	2.0	1.9	2.0	2.0	2.0	1.8	2.0	2.3	2.3	2.0	2.0	2.3	1.93	24	3.0
27	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	1.8	1.1	1.1	2.06	24	3.0
28	1.9	1.8	2.0	2.0	1.9	1.5	1.9	1.9	2.0	2.0	2.0	2.0	1.85	24	2.0
29	1.5	1.5	1.5	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	1.64	24	2.0
30*	2.0	1.8	2.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.96	23	2.0
31*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.03	24	3.0
MEAN	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	2.0	2.1	2.1	2.2	1.98		
NO.	24	24	23	23	23	24	24	24	24	24	24	24		562	
MAX	2.1	2.5	2.0	2.2	2.8	2.3	2.5	3.0	3.5	3.6	4.4	6.4	4.56		14.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-188. JUNE, 1964. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1	2.0	2.0	2.0	2.0	2.0	2.0	2.6	3.0	3.0			2.0
2	2.3	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0
3	2.9	3.8	2.3	3.2	3.2	2.9	3.9	3.8	3.1	2.1	2.0	2.0
4	2.0	2.0	2.0	1.9	2.2	2.0	2.0	2.0	1.9	1.8	1.9	1.4
5	1.0	1.0	1.0	1.0	1.0	1.2	1.8	2.0	1.9	1.4	1.5	1.0
6*	1.8	1.8	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	1.8	1.4
7*	1.5	1.0	1.1	1.9	2.5	2.8	3.3	2.0	2.0	2.0	1.9	2.0
8	2.3	2.2	2.0	2.0	2.7	2.0	4.1	4.6	4.7	3.0	2.2	2.0
9	2.5	2.0	2.9	3.4	3.5	4.3	5.3	4.8	3.6	2.3	2.0	2.0
10	1.3	1.0	1.1	1.6	2.2	3.0	3.4	2.9	3.0	3.0	2.8	2.2
11	1.0	1.0	1.0	1.0	1.0	1.0	1.5	1.7	1.3	1.1	1.1	1.1
12	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.1	2.4	2.0	2.3	2.5
13*	3.0	2.7	2.3	2.0	2.0	2.0	2.3	2.4	2.2	2.2	2.1	2.1
14*	3.0	2.6	2.2	2.8	3.8	2.1	2.0	2.0	2.0			2.0
15	2.9	2.1	2.0	2.8	2.0	2.4	3.0	3.5	3.5	3.0	3.0	3.0
16	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
18	2.9	3.3	2.5	2.8	3.3	3.8	3.9	3.3	2.4	2.0	2.0	2.1
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	3.2	3.0	2.8		3.2
20*	1.1	1.7	2.0	2.0	2.1	2.5	4.4	5.1	3.6	3.1	2.3	2.0
21*	2.3	2.2	1.9	1.1	1.5	1.7	2.0	2.0	2.2	2.0	2.0	1.5
22	2.0	2.0	4.6	3.1	3.0	2.0	2.4	2.0	2.6	3.0	3.0	3.0
23	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.9	2.6	2.2	2.0	2.0
24	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.5	2.5	2.3	2.0	2.0
25	2.0	2.0	1.9	2.0	2.0	2.0	2.0	2.9	4.0	2.0	2.0	2.0
26	2.9	2.5	2.8	2.5	3.0	3.6	2.4	3.1	2.2	2.0	2.0	2.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.2	2.0	2.0
28*	1.3	1.2	1.0	1.0	1.0	1.0	1.1	1.4	1.7	1.9	1.7	1.8
29	2.7	2.0	2.0	2.7	3.0	3.0	3.0	2.8	2.3	2.0	2.0	2.0
30	3.3	3.6	3.8	3.3	2.8	2.8	3.0	3.2	3.0	2.4	2.3	2.2
MEAN	2.2	2.1	2.1	2.2	2.3	2.3	2.6	2.8	2.6	2.2	2.1	2.0
NO	30	30	30	30	30	30	30	30	30	28	27	30
MAX	3.3	3.8	4.6	3.4	3.8	4.3	5.3	5.1	4.7	3.1	3.0	3.2

DAY OF MONTH	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.8	2.4	2.3	2.20	22	3.0
2	2.0	2.0	2.0	2.1	2.0	1.7	1.7	2.0	2.0	2.0	2.8	3.6	2.08	24	4.0
3	1.8	2.0	2.0	2.0	2.0	1.9	1.8	2.0	2.0	2.0	2.0	2.0	2.44	24	5.0
4	1.4	1.2	1.4	1.2	1.5	1.1	1.1	2.0	2.0	2.7	3.4	2.3	1.84	24	4.0
5	1.3	1.3		1.1	1.0	1.0	1.0	1.4	2.0	1.8	1.2	1.3	1.30	23	2.0
6*	1.0	1.1	1.0	1.1	1.1	1.0	1.1	1.5	1.2	1.1	1.8	1.6	1.46	24	2.0
7*	1.7	1.6	1.2	1.5	1.0	1.1	1.1	2.2	2.1	2.3	3.5	3.8	1.67	24	4.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	2.0	1.7	1.3	2.57	24	7.0
9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.7	2.56	24	6.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	1.9	1.9	1.7	2.11	24	4.0
11	1.5	1.6	1.5	1.8	1.8	1.3	1.0	1.9	2.0	2.0	2.0	2.0	1.41	24	2.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.0	3.3	3.5	2.22	24	5.0
13*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.4	2.8	3.0	2.22	24	4.0
14*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.8	2.4	3.0	2.35	22	4.0
15	3.0	3.1	3.0	3.2	3.3	3.4	3.4	3.2	4.7	3.3	3.1	3.0	3.03	24	5.0
16	3.0		2.0	1.9	2.0	1.7	1.7	2.0	2.0	2.0	2.0	2.0	2.53	23	3.0
17	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	3.0	2.06	24	4.0
18	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.42	24	4.0
19	3.0	2.3	2.1	2.3	2.9	3.0	3.0	3.4	3.8	3.0	3.0	2.2	2.60	23	4.0
20*	2.0	2.0	2.0	1.9	2.0	1.9	1.9	2.0	2.0	3.0	3.1	2.0	2.39	24	6.0
21*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.4	3.2	3.0	2.03	24	4.0
22	3.0	2.6	2.9	2.9	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.52	24	7.0
23	2.0	2.0	2.2	2.2	2.3	2.1	2.0	2.0	2.0	2.0	2.2	2.0	2.10	24	4.0
24	2.0	2.0	2.0	2.3	3.9	3.8	3.5	2.8	2.3	2.7	2.0	2.0	2.37	24	5.0
25	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.5	3.2	3.0	2.22	24	8.0
26	2.0					2.0	2.0	2.0	3.5	4.0	3.0	2.3	2.53	22	5.0
27*	2.0	2.0	1.9	1.9	2.0	1.9	2.0	2.0	1.9	1.9	1.7	1.3	1.95	24	3.0
28*	1.7	1.4	1.6	1.2	1.3	1.4	1.3	1.8	2.5	2.8	3.4	3.6	1.65	24	6.0
29	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.7	2.25	24	4.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.47	24	4.0
MEAN	2.0	1.9	2.0	1.9	2.0	1.9	1.9	2.0	2.2	2.3	2.4	2.3	2.18		
NO	30	29	29	29	29	30	30	30	30	30	30	30		711	
MAX	3.0	3.1	3.0	3.2	3.3	3.4	3.5	3.4	4.7	4.0	3.5	3.8	3.03		8.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-189. JULY 1964. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	DAILY MAX.
1	2.4	2.4	3.6	3.4	3.9	4.7	4.1	3.4	2.8	4.5	2.1	2.0	2.0	2.1	2.0	2.0	2.1	2.0	2.0	2.4	2.9	2.0	2.0	2.0	2.61	24	5.0
2	2.0	2.0	2.0	3.0	3.0	3.3	3.5	4.0	3.8	3.2	3.0	2.7	2.3	2.1	2.1	2.5	2.1	2.1	2.0	2.0	2.3	2.4	2.8	3.0	2.62	24	5.0
3	3.1	3.0	3.0	3.0	3.2	3.3	3.3	3.0	2.7			2.1	2.9	2.8	2.3	2.4	2.7	2.6	2.4	2.1	2.5	2.3	2.1	2.1	2.66	22	4.0
4*	2.3	2.5	2.0	2.9	3.6	4.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	2.0	2.0	1.3	1.1	1.0	1.0	1.98	24	5.0
5*	1.0	1.0	1.8	1.2	1.1	1.4	1.0	1.0	1.0	1.2	1.3	1.6	1.3	1.4	1.2	1.3	1.2	1.0	1.2	2.0	2.0	2.0	2.0	2.0	1.37	24	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.5	2.5	2.5	2.06	24	3.0
7	2.2	2.7	2.0	2.9	3.2	2.7	2.8	3.0	2.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.25	24	4.0
8	2.0	2.0	2.0	2.0	2.0	2.2	2.2	2.5	3.1	3.0	3.1	3.1	3.1	3.0	3.0	3.0	3.2	3.0	3.0	3.9	3.6	3.0	3.0	2.8	2.77	24	5.0
9	2.3	2.1	2.0	2.0	2.0	2.2	3.0	3.0	3.1	3.0	2.9	2.4	2.3	2.8	2.8	2.8	3.0	2.4	2.3	2.1	2.0	2.0	2.1	2.0	2.43	24	4.0
10	2.1	2.0	2.0	2.0	2.0	2.0	2.2	2.7	2.3	2.0	2.2	2.0	2.1	2.0			2.0	2.0	2.0	2.6	2.7	2.5	3.7	4.2	2.31	22	6.0
11*	3.0	4.2	5.5	5.4	4.4	3.7	4.2	4.5	4.9	3.9	3.0	3.0	2.9	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.5	4.3	3.4	3.29	24	6.0
12*	3.2	4.1	3.8	3.5	2.0	2.0	2.3	3.0	2.6	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.35	24	5.0
13	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.0	2.5	2.0	2.0	2.0	2.8	3.9	2.4	2.3	2.3	2.9	3.2	3.4	2.4	2.3	2.3	2.41	24	4.0
14	2.0	2.0	2.4	3.3	4.0	3.8	3.5	4.2	4.3	3.0	2.9	2.3	2.0	2.0	2.0	2.0	2.4	2.1	2.0	2.3	2.0	2.0	2.0	2.3	2.61	24	5.0
15	2.1	2.0	2.0	2.0	2.3	2.2	2.8	3.3	2.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.0	3.3	3.5	3.4	2.36	24	4.0
16	3.8	2.9	2.8	3.3	3.1	2.7	3.0	2.9	3.1	2.7	2.0	2.0	2.0	2.6	2.6	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.1	3.6	2.54	24	5.0
17	3.0	2.9	2.4	2.9	3.1	3.3	3.3	3.0	2.8			3.0	2.0	2.0	2.2	3.1	2.2	2.0	2.0	2.0	1.4	1.8	3.2	3.4	2.58	22	6.0
18*	3.3	2.9	3.4	2.9	2.6	2.9	2.3	2.8	2.0	1.8	1.4	1.1	1.0	1.0	2.3	5.5	2.5	2.0	2.0	2.0	2.0	2.2	2.7	2.2	2.35	24	6.0
19*	2.0	2.4	2.1	2.0	1.8	1.5	1.7	1.1	1.0	1.2	1.7	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	2.1	2.0	1.88	24	3.0
20	2.0	2.0	1.8	1.7	2.2	2.8	3.0	3.2	2.6	2.2	2.8	2.5	2.0	2.0	2.0	2.0	1.4	1.1	1.0	1.0	1.5	2.2	2.4	1.8	2.03	24	4.0
21	1.0	1.0	1.0	1.0	1.1	1.3	2.0	2.0	1.9	1.9	1.0	1.8	3.2	2.0	1.8	1.5	1.5	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.42	24	4.0
22	1.0	1.0	1.0	1.0	1.1	1.0	1.6	2.1	2.0	1.9	1.6	1.5	1.3	2.3	3.0	2.3	1.8	1.4	2.6	2.2	1.4	1.3	1.5	2.0	1.65	24	3.0
23	2.0	1.5	1.0	1.3	1.8	2.0	2.1	2.1	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.3	1.1	1.3	1.0	1.0	1.0	1.0	1.63	24	3.0
24	1.0	1.0	1.0	1.1	1.0	1.0	1.6	2.0	2.0	1.9	2.0	2.0	2.3	3.1	2.9	2.8	2.5	2.2	2.0	2.0	2.0	2.0	2.0	2.0	1.89	24	4.0
25*	1.9	1.4	1.4	1.0	1.3	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.9	2.0	2.0	1.9	1.7	1.84	24	2.0
26*	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	2.1	2.4	2.3						1.0	1.1	1.5	1.6	2.0	1.8	1.7	2.0	1.87	19	3.0
27	2.3	2.0	1.6	2.0	2.3	2.5	2.2	2.6	2.3					3.9	2.3	3.0	2.5	2.0	1.7	1.2	1.7	2.0	1.8	1.2	2.14	20	5.0
28	2.5	3.4	4.4	2.7	2.4	2.7	3.9	2.9	2.1	2.2	1.9	2.0	2.1	1.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.2	2.39	24	5.0
29	2.6	2.1	2.3	2.3	2.0	2.0	2.6	2.8	2.9	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.1	2.0	2.0		2.21	22	4.0
30	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.9	3.1	4.2	3.2	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.0	2.0	2.0	2.0	2.24	24	6.0
31	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.8	4.9	2.3	2.3				3.0	2.8	2.6	2.1	2.0	2.0	2.4	2.2	2.0	2.5	2.28	21	3.0
MEAN	2.2	2.2	2.3	2.3	2.3	2.4	2.5	2.7	4.5	2.3	2.2	2.2	2.1	2.2	2.2	2.3	2.1	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.23		
NO	31	31	31	31	31	31	31	31	31	28	28	28	28	29	29	29	31	31	31	30	31	31	31	30		724	
MAX	3.8	4.2	5.5	5.4	4.4	4.7	4.2	4.5	4.9	3.9	3.1	4.2	3.2	3.9	3.5	5.5	3.2	3.0	3.0	3.9	3.6	3.3	4.3	4.2	3.29		6.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-190. AUGUST, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	3.4	3.1	3.0	3.0	2.8	2.5	2.8	2.8	2.8	2.3	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.3	2.0	2.8	3.0	3.0	2.50	24	4.0
2*	3.0	2.9	3.3	3.3	3.0	3.0	2.8	2.3	2.6	3.0	3.0	2.9	2.3	2.3	2.7	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.0	2.89	24	4.0
3	3.0	2.9	2.1	2.0	2.1	2.0	2.6	3.0	3.0	3.0	2.8	2.8	3.0	3.0	3.0	2.8	3.0	2.0	2.1	2.1	2.0	2.0	2.0	2.1	2.51	24	4.0
4	3.0	3.0	3.0	3.0	3.0	3.0	3.1	3.8	3.2	3.0	2.8	2.9	2.7	3.0	2.8	2.4	2.7	2.4	2.8	2.0	2.1	2.0	2.3	3.0	2.74	24	4.0
5	3.4	4.0	3.8	3.1	3.4	3.9	4.3	4.0	3.3	3.0	2.9	3.0	3.0	2.8	2.8	2.9	3.0	3.0	3.0	3.0	3.3	2.7	3.3	3.0	3.24	24	5.0
6	3.1	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	2.8	2.0	2.1	2.0	2.0	2.0	2.0	2.4	2.0	2.0	3.0	3.1	3.1	4.0	3.1	2.69	24	4.0
7	4.3	3.0	4.0	3.6	3.0	3.6	4.7	5.2	6.8	6.3	4.8							2.0	2.1	2.0	2.0	2.0	2.0	2.0	3.51	18	8.0
8*	2.0	2.0	2.0	2.0	2.8	3.1	3.6	3.0	3.0	3.0				3.2	1.4	1.3	1.8	1.1	1.0	1.0	1.0	2.0	1.0	1.3	1.97	21	4.0
9*	2.5	1.3	1.0	1.0	1.3	1.6	1.0	1.0	1.0			3.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.6	2.8	3.6	1.93	22	4.0
10	3.3	3.0	3.0	3.0	3.7	3.9	4.1	5.1	4.3	5.1	3.0	2.2	2.0	2.3	2.3	2.6	2.5	2.3	2.1	2.0	2.0	2.3	2.7	2.3	2.94	24	6.0
11	2.0	2.0	2.0	2.0	3.2	2.9	4.1	3.4	2.8	2.9	3.6	3.7	2.7	2.5	2.8	2.3	2.6	2.0	2.3	3.0	2.5	2.6	2.9	2.4	2.70	24	5.0
12	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.6	3.3	4.3	2.0	2.0	2.0	4.8	3.1	2.6	2.5	2.0							2.50	18	6.0
13																											
14														2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.1	4.4	3.9	2.56	21	5.0
15*	3.3	2.9	3.0	3.0	2.1	2.0	2.8	2.0	2.0	2.0																	
16*	3.1	4.2	4.0	3.1	3.1	3.0	3.0	4.4	3.8	3.2	2.8	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.65	24	6.0
17	2.0	2.0	2.1	2.0	2.0	2.0	2.7	3.1	2.9	2.3	2.1	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.7	3.2	4.3	4.0	3.7	2.48	23	5.0
18	2.3	2.7	3.0	3.0	3.1	4.6	6.7	4.1	3.7	2.5	2.0	2.0	2.0	2.0	2.0	2.3	3.0	4.1	4.5	2.6	2.1	2.0	2.0	2.4	2.93	24	9.0
19	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2			2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.6	2.1	2.0	2.2	2.04	21	4.0
20	2.3	2.1	3.3	2.2	2.1	2.3	3.0	5.7	3.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.4	2.8	3.2	3.4	2.51	24	7.0
21	3.9	3.3	3.0	3.0	3.0	3.0	3.0	3.0	2.8	3.0	2.7	2.3	2.8	2.7	2.7	2.5	3.0	2.3	2.2	2.0	2.0	2.0	2.0	2.0	2.66	24	4.0
22*	2.0	2.0	2.0	2.0	4.1	3.8	4.0	3.7	3.0	3.0	2.3	2.0			1.0	1.2	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.02	22	6.0
23*	1.0	1.0	1.0	1.1	1.3	1.0	1.9	1.9	1.2	1.0	1.0	1.0	1.0	1.0	1.1	2.8	1.6	1.0	1.7	2.0	3.2	3.5	3.0	1.0	1.54	24	4.0
24	1.3	1.3	1.0	1.0	1.0	1.8	2.3	2.0	1.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	1.0	1.1	2.4	3.3	2.9	3.3	1.52	24	5.0
25	2.1	2.0	3.1	2.4	2.0	3.5	4.6	2.8	3.3	2.2	2.0	1.7	1.1	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.3	1.9	1.4	1.0	1.89	24	6.0
26	1.0	1.0	1.0	1.0	1.3	1.1	2.0	2.2	1.5	1.0	1.0	2.0	2.1	1.0	1.0	1.1	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.22	24	3.0
27	1.0	1.0	1.0	1.0	1.0	1.1	2.0	2.3	2.3	2.0	1.3	1.3	1.7	1.6	1.7	2.0	2.0	1.4	1.0	1.0	1.0	1.0	1.0	1.5	1.41	24	3.0
28	1.4	1.6	2.0	2.4	2.0	2.0	2.6	3.3	2.9	2.0	1.9	1.9	1.9	2.0	1.8	1.8	2.1	1.3	1.3	1.1	1.3	1.7	2.0	2.0	1.92	24	4.0
29*	2.0	2.0	1.3	1.0	1.2	1.8	2.0	2.0	2.0	2.0	1.9	1.7	1.3			1.6	1.7	1.9	2.0	2.3	2.0	2.0	1.3	2.0	1.80	22	3.0
30*	2.6	3.0	4.8	4.3	2.0	2.8	3.8	3.3	2.4	3.5	2.6	2.0	1.6	1.3	1.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.9	2.19	24	7.0
31	2.0	2.0	1.0	1.3	1.5	2.0	2.2	3.1	2.5	2.2	2.0	2.4	1.9	2.0	1.9	1.9	1.7	1.6	1.2	2.1	2.8	3.3	2.3	2.3	2.03	24	4.0
MEAN	2.4	2.3	2.4	2.3	2.3	2.6	3.1	3.1	2.9	2.6	2.3	2.1	2.0	2.1	2.0	2.0	2.1	1.9	1.9	2.0	2.1	2.3	2.4	2.3	2.32		
NO	29	29	29	29	29	29	29	29	29	27	25	26	25	26	25	28	28	29	28	28	28	28	28	28		668	
MAX	4.3	4.2	4.8	4.3	4.1	4.6	6.7	5.7	6.8	6.3	4.8	3.8	3.0	4.8	3.1	3.1	3.0	4.1	4.5	3.0	3.3	4.3	4.4	3.9	3.51		9.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-191. SEPTEMBER, 1964. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF OBS.	DAILY MAX
	12:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00			
1	1.1	1.0	1.0	1.0	1.0	1.0	2.2	2.8	1.8	1.3	1.3	1.4	1.1	1.2	1.1	1.3	1.3	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.23	24	4.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.8	2.0	1.3	3.0	2.7	1.28	24	4.0
3	2.0	2.0	2.0	1.4	1.2	1.1	2.0	2.0	1.7	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	2.0	2.1	3.3	2.8	1.56	24	4.0
4	3.3	2.1	1.8	2.1	4.1	5.4	7.2	4.0	3.3	2.8	2.0	1.8	1.9	1.3	2.2	3.9	3.8	4.1	5.5	6.5	4.8	4.0	4.0	3.7	3.55	24	9.0
5*	4.0	3.5	4.0	4.0	4.0	4.0	4.0	4.0	3.5	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.33	24	4.0
6*	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.3	4.0	3.7	4.3	3.13	24	5.0
7	4.5	4.0	4.0	4.0	4.0	3.5	3.1	3.8	4.0	4.0	3.9	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.40	24	5.0
8	3.0	3.0	3.0	3.0	3.0	3.0	3.0	3.6	3.3	3.0	3.3	3.3	3.4	4.0	3.8	3.8	3.2	3.3	3.7	3.0	3.0	3.0	4.1	3.9	3.30	24	5.0
9	3.6	3.0	3.0	3.0	3.0	3.0	3.2	4.0	4.3	3.4	4.1	4.0		4.0	4.0	4.0	4.0	4.0	3.0	3.3	4.0	3.3	3.0	3.8	3.56	23	5.0
10	3.6	4.0	3.4	3.0	5.4	7.1	6.6	7.3	5.3		1.7	1.6	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.65	23	9.0
11	1.0	1.0	1.0	1.1	0.8	1.8	1.9	2.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.9	1.6	1.1	1.0	1.0	1.0	1.0	1.21	24	3.0
12*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	1.0
13*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.05	24	2.0
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.9	2.0	1.0	1.07	24	2.0
15																											
16																											
17																											
18	1.3	1.8	1.8	2.0	1.8	1.3	1.0	1.3	2.0	2.1	1.8	2.8	2.1	2.0	1.2		1.3	2.0	2.0	1.9	1.4	1.4	2.0	1.8	1.73	23	3.0
19*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0				1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	21	1.0
20*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.00	24	1.0
21	1.0	1.0	1.0	1.0	1.0	1.0	1.8	2.2	1.7	1.2	1.3	1.0	1.1	1.0	1.3	1.6	1.8	1.2	1.6	1.3	1.5	1.3	1.1	1.0	1.27	24	3.0
22	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.6	1.3	1.4	1.3	1.1	1.6	1.3	1.7	1.9	2.0	1.8	2.0	2.0	2.0	2.0	2.0	1.1	1.46	24	2.0
23	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.4	2.0	2.0	2.0	2.0	1.7	1.3	1.24	24	4.0
24	1.0	1.0	1.0	1.0	1.0	1.0	1.5	2.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.06	24	2.0
25	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	2.2	2.0	2.0	2.5	2.8	3.0	3.2	2.8	1.55	24	4.0
26*	2.8	3.0	2.7	3.3	3.8	4.3	4.8	7.3	4.0	3.3	2.8	2.0	2.0	2.0	1.8	1.3	1.3	1.3	1.8	1.8	2.0	2.0	2.0	2.0	2.72	24	17.0
27*	2.0	2.0	2.0	2.0	2.0	2.0	2.3	2.0	1.6	1.1	1.9	2.0	1.7	1.0	1.5	1.8	1.7	1.3	1.6	2.0	2.3	2.5	2.0	2.2	1.84	24	3.0
28	1.9	1.1	1.1	1.0	1.0	1.0	1.6	2.1	2.0	1.8	2.0	2.0	2.1	2.1	2.4	2.3	2.9	2.0	1.9	2.0	2.3	2.1	2.0	2.0	1.85	24	3.0
29	2.1	2.0	1.6	1.3	2.2	2.0	2.3	3.3	3.8	3.4	3.8	4.0	4.0	4.4	4.6	3.7	3.6	3.0	2.8	2.7	3.0	3.1	3.7	4.0	3.08	24	9.0
30	3.3	2.3	2.0	2.0	2.0	2.0	2.0	2.5	2.5	2.0	1.8	1.5	1.4	2.0	2.0	2.0	2.1	2.1	2.2	2.9	4.7	5.8	4.0	4.3	2.55	24	6.0
MEAN	2.0	1.8	1.8	1.8	2.0	2.1	2.3	2.6	2.3	1.9	1.9	1.8	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1	2.2	2.2	2.2	1.99		
NO.	27	27	27	27	27	27	27	27	26	25	26	27	26	27	27	26	27	27	27	27	27	27	27	27		642	
MAX	4.5	4.0	4.0	4.0	5.4	7.1	7.2	7.3	5.3	4.0	4.1	4.0	4.0	4.4	4.6	4.0	4.0	4.1	5.5	6.5	4.8	5.8	4.1	4.3	3.56		17.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-152. OCTOBER, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS.	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	4.6	3.5	3.0	2.9	2.0	2.0	2.6	3.3	3.3	2.8	2.0	2.0	1.8	1.8	2.0	2.0	2.0	1.9	1.7	1.5	1.6	1.1	1.3	1.9	2.26	24	5.0
2	2.2	2.3	2.2	2.0	2.0	2.3	2.8	3.3	3.3	3.3	3.4	2.7	2.6	3.1	2.8	3.3	4.5	3.9	3.6	3.1	3.0	2.6	2.0	2.8	2.87	24	5.0
3*	3.0	2.1	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.0	2.0	2.0		2.0	1.8	1.8	1.9	2.4	2.6	2.9	2.6	3.9	2.21	23	5.0
4*	3.9	4.8	4.3	2.9	2.9	2.1	2.4	2.3	2.3	2.1	1.3	1.1	1.7	1.7	1.3	2.0	1.8	1.8	1.9	1.2	1.1	1.0	1.0	1.0	2.04	24	5.0
5	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.4	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.5	1.3	1.4	1.9	2.0	1.9	1.8	2.0	1.28	24	2.0
6	2.0	2.0	2.0	2.0	2.0	2.0	2.4	2.9	2.1	2.0	1.5	1.0	1.0	1.1	1.2	1.2	1.5	1.8	2.3	2.6	1.9	1.9	1.2	1.4	1.78	24	3.0
7	1.4	1.2	1.1	1.0	1.0	1.3	2.0	2.0	2.0	2.0	2.0	1.8	2.0	1.9	1.9	2.1	2.1	2.0	2.1	2.9	2.7	2.9	3.0	2.5	1.94	24	3.0
8	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.0	3.0	3.1	3.0	2.1	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.4	2.21	24	4.0
9	3.8	3.7	3.3	3.3	4.3	4.8	5.9	6.9	5.7	3.9	2.7	2.2	2.0	2.0	2.1	2.2	2.7	2.2	2.1	2.9	3.1	2.8	2.0	2.0	3.25	24	8.0
10*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	24	3.0
11*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0			2.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	2.0	2.0	2.1	1.20	22	4.0
12	2.5	2.3	2.1	1.8	2.2	4.6	3.0	2.8	3.5	2.8	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.7	2.0	2.2	2.0	3.8	2.8	2.9	2.09	24	5.0
13	3.2	2.4	2.2	2.4	2.1	2.6	2.4		4.0	3.9	2.8	1.5	1.0	1.0	1.0	1.0	1.2	1.6	2.2	2.8	2.9	2.8	3.7	4.0	2.36	23	5.0
14	3.4	3.2	2.8	2.6	2.8	2.5	3.0	3.7	2.3	2.0	1.6	1.2	1.0	1.0	1.0	1.3	1.6	1.6	2.8	5.4	5.3	6.4	5.4	5.2	2.87	24	7.0
15	5.0	5.0	4.4	4.0	4.0	4.3	4.8	6.3	3.5	2.3	2.0	2.3	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.3	3.6	2.2	2.1	3.09	24	8.0
16	2.6	3.9	4.1	4.4	4.9	6.2	8.4	8.8	5.7	4.5	3.3	2.6	2.2	2.1	2.1	2.8	2.8	2.4	2.3	2.1	2.1	2.0	2.0	2.0	3.58	24	10.0
17*	1.9	1.4	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	1.7	1.4	1.3	1.0	1.84	24	2.0
18*	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	2.0	2.0	2.0	2.7	2.2	4.8	3.0	1.49	24	6.0
19	3.0	6.0	4.4	3.2	4.5	5.6	5.4	4.5	4.6	1.8	2.0	2.0	2.0	2.0	2.0	2.0	2.1	1.9	1.7	2.0	2.0	2.0			2.93	22	8.0
20	2.6	2.0	1.8	1.1	1.5	1.8	2.0	2.3	2.5	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.99	24	4.0
21	2.0	1.9	1.3	1.8	1.5	1.9	2.0	2.5	4.6	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.8	1.99	24	4.0
22	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	3.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.07	24	4.0
23	2.0	2.0	2.0	1.8	1.9	2.0	2.0	2.8	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.03	24	3.0
24*	2.0	2.0	2.0	2.0	2.0	2.0	2.9	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.8	2.9	2.8	2.8	2.15	24	3.0
25*	3.2	2.7	2.0	2.1	2.9	3.0	2.8	3.3	3.2	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.9	3.1	3.5	3.0	4.0	5.5	2.72	24	8.0
26	4.6	4.0	3.3	3.6	3.8	5.9	3.8	5.3	5.7	3.2	2.8	2.4	2.3	2.1	2.1	2.0	2.3	3.2	3.1	3.1	3.5	4.4	5.5	6.7	3.59	24	7.0
27	6.6	7.4	6.8	5.3	5.7	10.3	9.9	8.3	10.1	5.3	6.[illegible]	5.7	5.3	3.1	3.3	3.0		5.1	6.1	5.3	4.8	5.7	4.4	4.3	5.97	23	12.0
28	8.3	7.3	5.6	5.1	6.0	10.6	11.9	9.3	5.3	6.1	4.9	4.6	2.8	2.4	2.4	2.8	2.6	2.4	2.0	3.0	2.7	3.8	3.0	3.0	4.90	24	15.0
29	3.7	3.3	3.4	3.3	2.8	2.8	3.0	3.7	4.[illegible]	3.7	4.0	3.6	2.3	2.9	2.9	2.8	3.0	3.2	4.8	3.0	3.0	3.0	3.0	3.0	3.27	24	6.0
30	4.6	3.6	4.2	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.5	2.1	2.4	2.9	2.4	2.2		2.40	23	6.0
31*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.9	1.9	2.0	2.0	2.2	3.4	3.4	2.9	2.9	2.15	24	4.0
MEAN	3.0	2.9	2.7	2.5	2.6	3.0	3.3	3.5	3.1	2.6	2.4	2.1	2.0	1.9	1.9	2.0	2.0	2.2	2.3	2.4	2.5	2.7	2.6	2.8	2.93		
NO.	31	31	31	31	31	31	31	30	31	31	30	30	31	31	30	31	30	31	31	31	31	31	30	29		736	
MAX	8.3	7.4	6.8	5.3	6.0	10.6	11.9	9.3	10.1	6.1	6.[illegible]	5.7	5.3	3.1	3.3	3 3	4.5	5.1	6.1	5.4	5.3	6.4	5.5	6.7	5.97		15.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-193. NOVEMBER, 1964 HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	00						01						02						03						DAILY MEAN	NO. OF HRS.	3 HOUR MAX
	01	02	03	04	05	06	07	08	09	10	11	12	01	02	03	04	05	06	07	08	09	10	11	12			
1*	2.4	2.0	2.7	2.3	2.9	3.0	2.4	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.1	2.6	2.8	2.9	3.0	2.3	2.9	2.33	24	3.0
2	2.4	3.8	3.1	3.4	3.3	3.4	3.5	3.3	3.4	3.0	2.8	2.7	2.1	2.1	2.0	2.2	2.4	3.1	2.3	2.0	2.1	2.2	2.3	2.1	2.78	24	8.0
3	2.5	2.1	3.0	3.3	3.2	2.3	3.4	4.0	3.5	4.6	2.3	2.0	2.0	2.1	2.1	3.0			3.5	3.0	3.7	2.0	2.0	2.0	2.70	22	5.0
4	2.0	2.0	1.8	2.0	2.0	2.0	2.2	2.1	2.3	2.0	2.0	2.0	2.0	2.0	2.0	1.7	2.3	2.0	2.3	2.9	2.6	1.7	1.8	3.4	2.15	24	4.0
5	2.6	2.3	2.0	2.2	2.5	3.4	3.5	3.8	3.8	5.6	2.9	2.3	2.1	2.2	2.3	2.7	2.8	2.3	1.8	1.1	1.0	1.0	1.0	1.0	2.49	24	9.0
6	2.0	1.6	1.3	1.2	1.0	1.0	1.0	1.8	2.0	1.8	2.0	1.5	1.3	1.6	1.2	1.1	1.9	2.2	1.9	1.4	1.8	1.4	1.0	1.0	1.49	24	3.0
7*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.2	1.7		2.1	3.0	2.7	4.3	1.44	23	8.0
8*	5.9	5.8	5.7	4.2	4.0	4.0	3.7	3.0	2.5	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	2.0	2.7	1.7	1.3	1.0	1.0	2.39	24	6.0
9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.1	2.3	2.8	3.0	3.0	2.8	1.4	1.45	24	4.0
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.7	1.7	2.6	2.3	1.0	1.0	1.0			1.0	1.5	1.8	2.7	2.1	2.9	1.2	1.3	1.93	22	9.0
11	2.1	2.2	2.8	2.2	2.9	5.6	2.7	3.3	2.3	2.1	2.3	2.5	1.8	2.0	1.8	1.0	1.3	1.7	1.0	1.1	1.4	1.8	3.6	4.4	2.31	24	8.0
12	3.8	2.9	3.6	3.9	4.8	4.3	5.2	6.6	5.9	3.8	4.1	4.0	4.4	4.5	2.7	2.1	1.7	1.9	2.4	3.3	2.7	3.0	3.3	2.0	3.69	24	11.0
13	2.6	2.8	2.7	1.7	2.0	2.0	2.8	2.6	3.4	3.4	2.3	1.0	1.0	1.1	1.0	1.0									2.07	16	9.0
14*																											
15*																											
16	6.1	5.7	4.7	4.0	4.5	4.3	7.0	3.6	3.7	3.1	3.0	3.0	3.2	3.7	4.4	4.7	4.4	4.8	4.2	2.7	2.0	2.0	1.6	1.0	3.79	24	10.0
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.6	1.2	1.0	1.0	1.0	1.1	1.0	1.7	1.8	2.0			3.8	2.8	1.4	1.0	1.37	22	5.0
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.2	1.5	1.3	1.8	1.9	2.0	1.18	24	2.0
19	1.2	1.0	1.1	1.0	1.0	1.0	1.0	1.8	2.8	2.0	1.8	2.1	1.9	1.8	1.9	2.0	2.8	9.2	2.3	2.0	2.1	3.0	2.3	2.0	1.94	24	8.0
20	1.8	1.7	1.0	1.5	2.3	2.0	1.8	1.0	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.6	1.1	1.0	1.1	1.9	2.4	2.4	1.41	24	5.0
21*	2.3	1.1	2.2	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.9	1.3	1.0	1.0	1.3	2.1	1.0	1.0	1.0	1.0	1.24	24	6.0
22*	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.3	1.4	1.2	1.2	1.04	24	2.0
23	1.1	1.0	1.0	1.0	1.5	4.4	1.8	2.3	2.1	2.5	2.0	1.6	1.7	1.9	1.9	2.0	2.4	2.4	2.0	2.0	2.3	3.0	2.8	2.4	1.91	24	4.0
24	2.0	2.5	3.0	3.1	2.6	2.0	2.9	4.0	4.3	4.6	3.2	2.4	2.0	2.0	2.0	2.3	2.7	2.8	2.9	2.2	2.4	2.0	2.1	2.5	2.67	24	9.0
25	3.7	4.8	3.2	3.1	3.2	3.0	3.0	3.7	4.0	3.3	3.0		4.3	3.0	3.0	3.7	3.6	3.8	3.0	2.2	2.0	2.0	2.1	2.1	3.15	23	6.0
26	2.0	2.2	2.3	2.8	2.3	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	1.8	1.2	1.1	1.5	1.0	1.0	1.4	1.7	2.2	2.0	2.0	1.84	24	3.0
27	1.6	1.0	1.2	1.0	1.0	1.0	1.6	2.0	2.3	1.8	1.9	1.2	1.3	1.1	1.1	1.3	1.8	2.0	2.4	2.8	2.8	3.0	2.7	2.9	1.77	24	4.0
28*	2.5	2.3	2.0	2.0	2.4	2.4	2.0	2.8	4.0	1.9	2.0	1.3	1.2	1.3	1.3	1.9	2.0	2.0	2.2	2.4	2.5	2.0	2.0	2.0	2.01	24	3.0
29*	2.0	2.1	2.0	2.1	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	1.0	1.19	24	3.0
30	2.0	2.0	1.8	1.3	1.0	1.0	1.5	1.8	2.0			2.0	1.7				2.0	2.0	1.3	1.0	1.0	1.0	1.0	1.0	1.48	19	2.0
MEAN	2.2	2.2	2.2	2.0	2.2	2.1	2.2	2.4	2.5	2.2	2.0	1.7	1.7	1.7	1.7	1.8	1.9	2.1	2.0	2.0	2.0	2.1	1.9	2.0	2.03		
NO.	28	28	28	28	28	28	28	28	28	27	27	27	28	27	26	26	26	26	26	25	27	27	27	27		651	
MAX	6.1	5.8	5.7	4.2	4.8	5.6	7.0	6.6	5.9	5.6	4.1	4.0	4.4	4.5	4.4	4.7	4.4	5.2	4.2	3.3	3.8	3.0	3.6	4.4	3.79		11.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-194. DECEMBER, 1964, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1												1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.02	13	3.0
2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.8	2.3	2.1	1.1	1.0	1.0	1.1	1.0	1.2	1.8	1.1	1.0	1.1	1.1	1.0	1.0	1.20	24	4.0
3	1.0	1.0	1.0	1.1	1.0	1.1	2.4	2.8	2.5	2.6	2.7	2.5	2.2	2.5	1.9	2.0	2.7	4.3	2.7	2.0	2.0	2.0	1.7	2.3	2.07	24	5.0
4	2.2	2.0	2.0	1.5	2.0	2.0	2.7	3.3	3.8	3.7	3.1	3.0	3.1	3.7	3.7	5.0	6.3	5.9	4.3	3.3	2.8	2.2	2.0	2.0	3.13	24	7.0
5*	2.0	2.0	2.0	1.9	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.3	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.02	24	6.0
6*	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.01	24	2.0
7	1.0	1.0	1.0	1.0	1.0	1.2	1.7	2.0	2.0	2.0	1.5	1.0	1.3	1.8	1.9	1.7	2.0	2.0	1.8	2.0	2.0	1.8	1.9	2.2	1.61	24	4.0
8	2.0	1.7	1.9	2.3	2.8	2.3	2.0	2.0	2.0	2.5	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.8	2.5	2.0	1.8	2.11	24	4.0
9	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	1.8				2.0	2.1	2.0	2.6	2.0	2.0	2.0	2.0	2.0	2.0	2.00	21	4.0
10	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.8	3.8	3.2	3.2	3.0	3.3	3.9	4.6	4.1	3.3	2.8	3.4	3.9	3.3	3.0	2.0	2.3	2.91	24	5.0
11	2.3	2.5	2.1	2.8	2.4	2.0	2.0	2.9	3.2	2.9	2.1	2.6	2.3	2.3	2.2	2.0	2.4	3.5	2.4	2.8	2.1	2.0	2.1	2.9	2.43	24	5.0
12*	3.1	3.0	3.2	3.6	2.9	2.0	2.3	4.4	4.5	4.4	6.0	5.5	5.4	3.1	2.3	2.9	3.4	4.8	3.4	3.6	5.2	4.0	3.1	3.0	3.70	24	7.0
13*	4.9	4.1	3.3	3.0	3.0	3.0	6.1	4.9	3.5	3.0	3.0	3.1	2.7	2.2	2.0	2.0	2.1	2.3	3.0	2.1	3.0	2.2	2.3	2.0	3.02	24	8.0
14	1.5	1.0	1.0	1.0	1.0	1.0	1.4	2.0	2.0	2.0	2.0	2.0	2.0	2.3		3.6	2.0	1.9							1.74	17	5.0
15		1.0	1.0	1.0	1.1	1.4	1.9	1.7	1.4		1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0	1.1	1.0	1.0	1.0	1.0	1.0	1.16	22	7.0
16	1.0	1.0	1.0	1.0	1.0	1.0	1.1	2.0		2.0	2.0	1.3	1.8	1.4	1.1	1.2	1.7	1.8	2.0	1.9	1.6	1.8			1.46	21	2.0
17																											
18		2.0	2.0	2.0	1.2	1.0	1.2	1.8	2.0	2.0	1.9	1.6	1.8	2.0	2.0	2.0	2.0	1.8	2.0	2.0	2.0	2.0	2.0	2.0	1.83	23	2.0
19*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.00	22	2.0
20*	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.00	23	2.0
21	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0			2.0	2.0	2.0	2.0	2.4							2.0	2.0		2.02	15	3.0
22										2.7	2.6	2.2	2.1	2.0	2.2	3.0		4.8	5.5	5.5	3.8	3.9	4.3		3.41	13	7.0
23																											
24																											
25																											
26*																											
27*																											
28																											
29	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0		2.3		2.7	3.0	2.3	2.5	2.0	3.0	3.0	2.8	2.24	22	3.0
30	3.0	2.4	2.0	2.5	2.3	2.4	3.0	3.8	3.0	3.1		3.2	2.8	2.2	2.6	3.0	2.0		4.1	5.0	4.6	3.2	4.3	3.1	3.06	22	5.0
31	3.8	3.3	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.2	2.0	2.0	2.0	2.0	2.0	2.0	2.14	24	5.0
MEAN	2.1	1.9	1.8	1.8	1.8	1.7	2.1	2.4	2.5	2.4	2.3	2.1	2.1	2.1	2.1	2.2	2.2	2.6	2.4	2.4	2.3	2.2	2.1	2.0	2.15		
NO	20	22	22	22	22	22	22	22	19	21	22	23	23	22	23	22	22	22	22	21	21	23	22	20		522	
MAX	4.9	4.1	3.3	3.6	3.0	3.0	6.1	4.9	4.5	4.4	6.0	5.5	5.4	3.9	4.6	5.0	6.3	5.9	5.5	5.5	5.2	4.0	4.3	3.1	3.70		8.0

* Indicates Saturday or Sunday

Local standard time used

Table 3-195. JANUARY, 1965. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN AM
1	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8					1.8	1.8	1.8	1.9	1.8	2.0	1.9	1.80	20	2.0
2*	2.1	2.4	2.5	2.0	2.2	2.0	1.8	1.8	1.8	1.9	2.2	2.2	2.2	2.1	2.3	2.3	3.2	3.7	2.8	2.6	2.3	2.3	2.1	2.1	2.28	24	4.3
3*	1.9	1.7	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.8	1.8	1.8	1.8	1.69	24	2.0
4	1.8	1.8	1.8	1.8	1.8	1.8	1.9	2.0	2.1	2.0	2.0	2.0	1.7												1.88	13	2.3
5																											
6																											
7																											
8	1.9	1.9	1.6	1.7	1.6	1.7	1.9	2.4	2.3	2.3	2.3	3.0	3.1	3.3	2.8	2.6		5.6	4.8	5.4	4.4	6.2	6.0	4.6	3.18	23	7.5
9*	4.5	4.0	3.3	3.4	3.2	2.8	4.1	3.2	2.7	2.9	3.0	3.2	2.5	2.5	2.2	2.2	2.3	2.2	2.1	2.0	2.1	1.8	1.6	1.8	2.72	24	5.4
10*	1.6	1.6	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.7	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.3	1.3	1.50	24	1.8
11	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.8	2.1	2.1	1.9	1.8	1.7	1.7	1.4	1.6	1.8	2.2	2.3	2.7	3.0	3.2	5.7	3.9	2.08	24	7.8
12	4.5	3.9	3.1	3.3	2.6	2.0	2.6	4.1	4.1	3.2						3.8	3.6	3.6	3.4	3.1	3.7	4.0	4.0	4.1	3.50	19	6.0
13	4.5	4.7	4.3	4.1	4.1	4.7	6.3	7.5	7.5			2.8	2.8	2.0	1.9	1.7	2.1	2.5	2.2	2.3	2.2	1.9	1.8	1.7	3.43	22	7.9
14	1.7	1.5	1.4	1.3	1.2	1.2	1.2	1.3	1.4	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.3	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.31	24	1.8
15	1.2	1.2	1.1	1.1	1.1	1.1	1.2	1.4	1.7	1.6	1.7	1.7	1.6	1.6	1.5	1.4	1.7	1.8	1.3	1.3	1.3	1.1	1.1	1.2	1.35	24	3.3
16*	1.2	1.2	1.0	0.9	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.9	0.8	0.8		0.8	0.8	0.8	0.8	0.87	23	1.3
17*	0.8	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7	0.7	0.9	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	0.82	24	1.1
18	1.0	1.2	1.6	1.6	1.4	1.5	1.5	1.4	1.7	2.0	2.3	2.0	1.6	1.3				1.7	1.5	1.3	1.3	1.2	1.1	1.0	1.48	21	2.5
19	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.3	1.3	1.3	1.5	1.5	1.5	1.4	1.5		1.5	1.4	1.3	1.7	1.6	1.4	1.3	1.28	23	1.8
20	1.4	1.8	1.7	1.4	1.3	1.6	2.0	2.0	2.4	2.3	2.1	1.6	1.4	1.5	1.5	1.4	1.5	2.0	1.7	1.4	1.3	1.2	1.2	1.2	1.61	24	2.5
21	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.3	1.6	1.7	1.5	1.4	1.3	1.3	1.3	1.3	1.4	1.7	2.1	2.2	2.3	2.8	3.0	3.3	1.63	24	3.3
22	2.7	2.3	2.2	2.1	2.1	2.3	2.3	3.2	2.9	3.2	3.0	3.1	3.3	3.2	2.9	2.8	3.2	3.5	3.4	3.0	3.7	4.4	3.7	4.9	3.04	24	5.6
23*	6.3	5.8	5.0	4.5	3.8	3.9	2.3	1.8	1.6	1.6	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.3	1.2	1.2	1.2	2.24	24	6.7
24*	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.5	1.4	1.4	1.3	1.2	1.1	1.1	1.20	24	1.5
25	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.4	1.7	1.7	1.8				1.1	1.1	1.0	1.4	1.4	1.3	1.2	1.3	1.6	2.4	1.33	21	2.9
26	2.3	2.1	2.1	2.3	2.3	1.9	1.6	1.6	1.7	1.9	1.6	1.4	1.3	1.3	1.5	1.5	1.6	1.9	2.0	2.4	2.3	2.5	2.8	2.4	1.92	24	2.9
27	1.6	1.3	1.1	0.9	0.9	0.9	0.9	0.9	1.1	1.1	1.2	1.1	1.1	1.0	1.0	1.0	1.0	1.1	1.1	1.0	1.0	1.0	0.9	1.0	1.04	24	1.8
28	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.6	1.8	1.7	1.7	1.5	1.6	1.5	1.4	1.3	1.3	1.4	1.6	1.7	1.4	1.2	1.1	1.0	1.30	24	1.9
29	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.1	1.2	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.08	24	1.4
30*	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.4	1.4	1.5	1.5	1.4	1.3	1.2	1.4	1.3	1.2	1.3	1.3	1.3	1.3	1.21	24	1.6
31*	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.26	24	1.4
MEAN	1.9	1.9	1.7	1.7	1.6	1.6	1.7	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.5	1.6	1.7	2.0	1.8	1.9	1.8	1.9	2.0	1.9	1.77		
NO.	28	28	28	28	28	28	28	28	28	27	26	26	26	24	24	25	23	27	27	26	27	27	27	27		641	
MAX	6.3	5.8	5.0	4.5	4.1	4.7	6.3	7.5	7.5	3.2	3.0	3.2	3.3	3.3	2.9	3.8	3.6	5.6	4.8	5.4	4.4	6.2	6.0	4.9	3.50		7.9

* Indicates Saturday or Sunday

Local standard time used

Table 3-196. FEBRUARY, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.5	1.8	2.2	2.0	1.7	1.5	1.5	1.5	1.4	1.4	1.6	1.6	1.5	1.4	1.5	1.6	1.7	1.49	24	2.3
2	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5		2.7	2.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.48	23	4.4
3	1.3	1.3	1.2	1.2	1.2	1.2	1.2	1.3	1.4	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.32	24	1.5
4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.4	1.8	1.7	1.6	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.3	1.4	1.4	1.3	1.37	24	1.9
5	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.7	2.0	2.0	1.8	1.6	1.5	1.4	1.5	1.6	1.5	1.6	1.5	1.5	2.0	1.52	24	2.4
6*	2.3	2.1	1.7	1.6	1.6	1.6	1.7	1.9	2.1	2.2	2.1	2.1	2.2	2.2	2.4	2.0	1.8	2.1	2.9	2.9	2.5	2.2	2.0	2.0	2.09	24	3.3
7*	2.0	1.9	2.4	2.4	2.1	1.8	1.6	1.5	1.8	1.8	2.0	2.1	2.3	2.6	2.8	2.5	2.1	1.9	1.7	1.6	1.6	1.5	1.5	1.5	1.94	24	2.9
8	1.6	1.7	1.8	2.0	2.4	3.0	3.0	2.8	2.8	3.4	5.3	5.5	3.4	2.5	2.1	1.9	2.0	2.2	2.3	2.3	2.1	1.8	1.7	1.6	2.53	24	6.3
9	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.6	1.8	2.0	2.0	1.8	1.8		3.0	2.9	2.9	3.0	2.8	2.7	2.8	2.8	2.8	2.08	23	3.2
10	2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.9	3.1	3.4	3.4	3.4	3.4	3.4	3.6	3.6	3.5	3.6	3.6	3.6	3.7	3.9	4.1	4.0	3.32	24	4.2
11	3.8	3.6	3.5	3.4	3.4	3.3	3.4	3.5	3.7	4.1	3.8	3.6	3.4	3.3	3.3	3.5	3.8	4.0	4.2	4.0	3.9	3.8	3.7	3.7	3.64	24	4.2
12	3.7	3.7	3.8	3.7	3.6	3.6	3.6	3.7	3.9	4.1	4.2	4.3	4.6	4.9	5.2	6.0	7.4	8.4	9.8	8.5	7.1	6.6	6.0	5.3	5.22	24	10.3
13*	4.7	4.2	3.9	3.7	3.5	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.2	3.3	3.3	3.4	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.6	3.53	24	4.9
14*	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	4.0	4.2	4.1	4.3	4.1	4.0	4.1	4.0	4.1	4.0	4.0	4.0	4.0	3.88	24	4.3
15	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.3	4.3	4.2	4.1	4.3	4.1	4.1	4.2	4.3	4.5	4.4	4.4	4.4	4.3	4.4	4.4	4.21	24	4.6
16	4.4	4.4	4.4	4.4	4.5	4.4	4.5	4.5	4.6	4.8	5.*	4.6	4.3	4.2	4.2		4.2	2.9	2.7	2.6	2.7	2.6	2.4	2.2	3.88	23	5.1
17	2.1	2.1	2.0	1.9	1.8	1.7	1.6	1.7	1.9	2.0	2.1	2.0	1.9	2.0	2.0	2.1	2.1	2.1	2.0	1.9	1.9	1.8	1.8	1.8	1.92	24	2.2
18	1.8	1.8	1.7	1.7	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.2	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.92	24	2.3
19	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.9	1.9	1.8	1.8	1.9	1.9	2.0	2.0	1.9	1.9	1.8	1.8	1.71	24	2.1
20*	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.9	2.0	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.6	1.7	1.8	1.69	24	2.0
21*	1.8	1.8	1.8	1.7	1.7	1.7	1.9	1.9	2.0	2.2	2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.4	2.4	2.3	2.4	2.7	2.7	2.6	2.13	24	2.8
22	2.4	2.3	2.1	2.0	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	3.4	4.8	4.3	3.5	2.9	2.5	2.3	2.2	2.0	2.35	24	5.0
23	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.0	1.9	1.9	1.9	1.8	1.8	1.9	2.0	1.9	1.9	1.9	1.8	1.9	1.83	24	2.0
24	2.1	2.0	1.9	1.9	1.9	1.8	1.9	2.0	2.2	2.4	2.4	2.2	2.1	2.1	2.0		2.6	2.7	2.6	2.5	2.5	2.5	2.5	2.5	2.22	23	2.8
25	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	3.0	3.1	3.3	3.5	3.4	3.3	3.3	3.3	3.3	3.2	3.2	3.1	3.0	3.0	2.9	2.9	3.01	24	3.6
26	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.3	3.3	3.3	3.3	3.3	3.3	3.3	3.4	3.4	3.5	3.4	3.5	3.5	3.5	3.4	3.23	24	3.6
27*	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.5	3.5	3.6	3.5	3.6	3.6	3.7	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	3.70	24	4.2
28*	4.1	4.2	4.4	4.6	4.7	4.8	4.9	4.9	4.7	4.5	4.3	3.9	3.7	3.7	3.7	3.5	3.8	3.9	4.1	4.1	4.1	4.0	3.9	3.9	4.18	24	5.0
MEAN	2.5	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.7	2.8	2.7	2.7	2.6	2.7	2.7	2.9	2.9	2.9	2.8	2.7	2.7	2.6	2.6	2.62		
NO.	28	28	28	28	28	28	28	28	28	28	28	28	28	28	26	26	28	28	28	28	28	28	28	28		668	
MAX	4.7	4.4	4.4	4.6	4.7	4.8	4.9	4.9	4.7	4.8	5.0	5.5	4.6	4.9	5.2	6.0	7.4	8.4	9.8	8.5	7.1	6.6	6.0	5.3	5.22		10.3

* Indicates Saturday or Sunday

Local standard time used

Table 3-197. MARCH, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	3.9	4.2	4.4	3.9	3.7	3.7	3.7	3.6	3.6	3.8	4.0	4.0	4.0	4.1	4.0	4.1	3.90	24	4.7
2	4.1	4.1	4.1	4.0	3.9	3.9	4.0	4.2	4.3	4.2	4.3	4.4	4.2	4.0	4.0	4.0	3.9	4.1	4.2	4.2	4.1	4.1	4.3	4.4	4.12	24	4.5
3	4.3	4.4	4.3	4.5	4.6	4.7	4.7	4.4	4.5	4.7	4.5	4.4	4.3	4.3	4.4	4.4	4.4	4.4	4.5	4.5	4.4	4.3	4.3	4.3	4.42	24	4.9
4	4.5	4.5	4.6	4.6	4.6	4.7	5.1	5.0	4.9	4.9		3.5	2.3	2.0	1.8	1.9	1.9	2.0	2.0	1.8	1.7	1.7	1.7	1.7	3.18	23	5.3
5	1.6	1.6	1.5	1.4	1.4	1.4	1.5	1.6	1.8	2.1	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.2	2.1	2.0	1.8	1.7	1.6	1.5	1.77	24	2.3
6*	1.5	1.6	1.7	2.1	1.9	1.7	1.8	1.7	1.7	1.8	1.9	2.0	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.74	24	2.1
7*	1.6	1.6	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.48	24	1.7
8	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.9	2.2	2.0	1.9	1.9	1.7	1.6	1.6	1.6	1.8	1.9	1.7	1.6	1.6	1.5	1.5	1.70	24	2.2
9	1.5	1.5	1.5	1.5	1.4	1.5	1.6	1.6	1.7	2.0	1.9	1.8	1.7	1.7	1.7	1.6	1.8	1.9	1.9	1.9	1.9	1.8	1.8	1.9	1.71	24	2.1
10	1.9	1.9	2.1	2.0	1.7	1.6	1.6	1.6	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.6	1.6	1.6	1.5	1.72	24	2.2
11	1.5	1.4	1.5	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.7	1.6	1.6	1.6	1.8	2.0	2.0	1.9	1.8	1.8	1.8	1.7	1.7	1.61	24	2.0
12	1.7	1.6	1.6	1.5	1.5	1.6	1.6	1.7	1.8	1.9	1.9	1.9	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.8	1.9	1.8	1.9	1.9	1.75	24	2.7
13*	1.7	2.1	1.7	1.7	1.7	1.8	1.7	1.9		1.7	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.75	23	4.3
14*	1.9	1.9	1.9	1.9	1.8	1.9	2.0	2.0	1.9	2.1		2.5	2.2	2.6	2.1	1.9	2.0	2.0	2.0	1.9	1.9	1.8	1.8	1.8	1.98	23	3.5
15	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.80	24	2.0
16	1.9	1.9	1.9	1.9	1.8	1.9	2.0	2.2	2.3	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.7	1.6	1.93	24	2.4
17	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.9	2.0			2.2	2.0	2.0	1.9	2.1	2.4	2.5	2.2	2.0	1.9	1.9	2.0	1.93	22	2.6
18	2.0	1.9	1.9	1.8	1.8	1.8	1.9	2.0	2.2	2.3	2.2	2.2	2.2	2.1	2.1	2.0	2.2	2.7	2.8	2.6	2.3	2.1	2.0	2.0	2.11	24	2.9
19	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.8	2.1	2.2	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.83	24	2.3
20*	1.7	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.8	1.9	2.0	2.0	1.9	1.9	1.9	1.9	1.8	1.7	1.7	1.8	1.8	1.8	1.7	1.77	24	2.0
21*	1.7	1.7	1.7	1.7	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.4	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.62	24	1.8
22	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.76	24	2.2
23	2.0	2.1	2.0	2.0	1.9	1.8	1.8	1.9	2.1	2.3	2.2	2.1	2.1	2.2	2.0	2.0	1.9	2.3	2.7	2.4	2.2	2.0	1.9	1.9	2.06	24	2.8
24	2.0	2.0	1.9	1.9	1.8	1.7	1.6	1.7	1.7	1.8	1.9	1.8	1.8	1.7	1.8	1.9	2.0	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.87	24	2.1
25	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	2.0	2.0	2.0	2.0	1.8	1.8	1.8	1.9	1.9	1.8	1.7	1.6	1.5	1.5	1.4	1.75	24	2.0
26	1.4	1.4	1.3	1.4	1.4	1.3	1.3	1.5	1.7	1.8	1.9	2.0	2.0	2.0	2.1	2.2	2.2	2.4	2.4	2.3	2.0	1.9	1.8	1.9	1.81	24	2.4
27*	1.9	1.7	1.6	1.6	1.5	1.3	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.5	1.5	1.5	1.38	24	1.9
28*	1.5	1.5	1.6	1.6	1.6	1.6	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5		3.4	1.6	1.6	1.7	1.9	1.7	1.6	1.6	1.5	1.63	23	4.1
29	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.3	1.4	1.8	1.9	2.1	2.0	2.0	1.9	1.9	2.0	2.2	2.2	1.9	1.7	1.5	1.4	1.4	1.68	24	2.4
30	1.5	1.5	1.5	1.5	1.4	1.3	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.4	1.3	1.34	24	1.5
31	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2				1.3	1.3	1.3	1.2	1.3	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.27	21	1.5
MEAN	2.0	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.2	2.1	2.2	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.0	2.0	1.9	1.9	1.9	2.02		
NO	31	31	31	31	31	31	31	31	30	30	27	29	31	31	30	31	31	31	31	31	31	31	31	31		735	
MAX	4.5	4.5	4.6	4.6	4.6	4.7	5.1	5.0	4.9	4.9	4.5	4.4	4.3	4.3	4.4	4 4	4.4	4.4	4.5	4.5	4.4	4.3	4.3	4.4	4.42		5.3

* Indicates Saturday or Sunday

Local standard time used

Table 3-198. APRIL, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN. MAX.
1	1.4	1.4	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3				1.7	1.7	1.7	1.8	1.9	1.9	1.8	1.7	1.6	1.6	1.5	1.53	21	2.0
2	1.5	1.4	1.5	1.5	1.5	1.5	1.5	1.8	2.1	2.3	2.2	2.0	1.8	1.8	1.7	1.5	1.6	1.9	1.7	1.5	1.4	1.3	1.3	1.3	1.64	24	2.4
3*	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.39	24	2.1
4*	1.5	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8	1.9	1.8	1.8	1.58	24	2.1
5	1.8	1.7	1.6	1.6	1.7	1.7	1.7	1.7	1.9	2.0	1.8	1.8	1.8	1.7	1.7	1.7	1.7	2.0	2.0	2.0	2.2	2.6	2.7	3.0	1.91	24	3.1
6	3.6	4.7	3.9	2.1	1.9	1.8	1.7	1.7	2.0	2.2	2.0	1.9	1.8	1.8	1.9	2.0	2.1	2.2	2.0	1.7	1.7	1.7	1.6	1.6	2.15	24	4.9
7	1.6	1.6	1.6	1.5	1.5	1.6	1.5	1.7	1.9	2.1	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.73	24	2.1
8	1.7	1.8	1.8	2.3	2.1	2.2	2.1	2.1	2.5	2.4	2.2	2.1	2.1	2.2	2.4	2.4	2.7	2.9	2.8	3.2	3.1	2.7	2.4	2.2	2.34	24	3.4
9	2.1	2.0	1.8	1.7	1.7	1.8	1.7	1.7	2.0	2.2	2.1	2.0	1.9	1.8	1.8	1.7	1.8	1.7	1.5	1.6	1.7	1.7	1.7	1.7	1.81	24	2.2
10*	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.7	1.71	24	1.9
11*	2.0	1.9	1.7	1.8	1.9	1.9	1.9	1.8	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.7	1.7		3.6	3.3	3.4	3.5	3.6	3.7	2.20	23	3.7
12	3.6	3.6	3.6	3.5	3.5	3.6	3.7	4.1	4.1	4.0	2.3	2.2	2.1	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	2.57	24	4.9
13	1.6	1.5	1.5	1.5	1.5	1.4	1.4	1.4	1.5	1.6	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.6	1.6	1.6	1.59	24	2.1
14	1.5	1.6	1.6	1.6	1.7	1.6	1.6	1.6	1.7	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.9	1.9	2.0	2.1	2.1	2.0	2.1	1.75	24	3.3
15	2.2	2.2	2.4	3.1	3.4	3.4	3.1	2.9	3.0	2.8	2.8	2.7	2.5	2.4	2.3	2.2	2.2	2.2	2.2	2.1	2.0	2.0	2.0	2.0	2.48	24	3.8
16	2.1	2.0	2.0	2.2	2.2	2.0	2.1	2.1	2.2	2.2	2.1	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.6	1.7	1.6	1.6	1.89	24	2.3
17*	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.8	1.9	1.9	1.7	1.7	2.0	1.9	1.8	1.9	1.65	24	2.1
18*																											
19																											
20																											
21	3.8	3.3	3.0	3.4	3.5	4.1	3.5	3.2	3.6	3.6	3.2	2.9	2.8	2.6	2.6	2.5	2.5	2.5	2.5	2.6	2.4	2.5	2.5	2.4	2.97	24	4.2
22	2.6	2.5	2.9	2.9	2.6	2.6	2.8	2.6	2.6	2.6	2.4	2.4	2.2	2.1	1.9	1.8	1.8	1.9	2.0	2.0	2.0	2.1	1.9	2.0	2.28	24	3.1
23	2.0	1.9	2.0	2.0	1.8	1.8	2.0	1.9	1.8	2.0	2.5	3.2	3.3	3.4	3.2	2.5	2.3		3.6	2.9	2.6	2.3	2.4	2.3	2.40	23	4.9
24*	2.3	2.3	2.3	2.1	2.1	2.0	2.0	1.7	1.7	1.7	1.7	1.7	1.7	1.6	1.5	1.7	1.6	1.4	1.5	1.6	1.5	1.5	1.5	1.6	1.74	24	2.4
25*	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.6	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.60	24	2.0
26	1.6	1.6	1.6	1.8	1.8	1.8	1.9	2.0	2.3	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.9	2.8	3.2	2.9	2.8	2.9	2.7	2.36	24	3.5
27	2.4	2.2	2.0	1.9	1.9	1.9	1.8	1.8	1.8	2.0	2.6	3.0	2.6	2.5	2.2	2.3	2.2	2.0	2.0	2.0	2.0	1.9	2.0	1.8	2.10	24	4.1
28	1.7	1.8	1.9	1.9	1.9	1.8	1.7	1.8	1.8	1.9	1.8	1.9	2.0	1.8	1.7	1.9	2.0	2.1	2.0	2.0	1.8	1.8	1.9	2.0	1.87	24	2.2
29	2.0	2.0	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.7	1.7	1.8		2.2	2.8	1.5	1.5	1.4	1.5	1.7	2.0	2.1	2.0	2.4	1.85	23	3.5
30	3.4	3.1	2.3	2.1	2.1	1.9	2.1	3.0	2.2	1.7	1.6	1.6	1.7	1.6	1.6	1.7	1.8	1.6	1.6	1.9	2.1	1.9	1.6	1.4	1.97	24	3.7
MEAN	2.1	2.1	2.0	2.0	2.0	2.0	1.9	2.0	2.0	2.1	2.0	2.0	2.0	1.9	1.9	1.8	1.9	1.9	2.0	2.0	2.0	2.0	1.9	1.9	1.97		
NO	27	27	27	27	27	27	27	27	27	27	26	26	25	27	27	27	27	25	27	27	27	27	27	27		642	
MAX	3.8	4.7	3.9	3.5	3.5	4.1	3.7	4.1	4.1	4.0	3.2	3.2	3.3	3.4	3.2	2.5	2.7	2.9	3.6	3.3	3.4	3.5	3.6	3.7	2.97		4.9

* Indicates Saturday or Sunday

Local standard time used

Table 3-199. MAY, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5-MIN MAX
1*	1.4	1.4	1.3	1.3	1.3	1.3	1.4	1.5	1.6	1.6	1.5	1.4	1.5	1.5	1.5	1.6	1.7	2.0	1.6	1.6	2.0	2.2	2.0	2.3	1.59	24	2.8
2*	2.1	1.8	1.9	2.0	2.0	2.1	2.3	2.5	2.8	3.1	2.7	2.6	2.9	2.3	2.0	2.0	2.0	2.2	2.3	2.4	2.4	2.0	1.8	1.6	2.22	24	3.3
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
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28																											
29*																											
30*																											
31																											
MEAN NO MAX	2 2.1	2 1.8	2 1.9	2 2.0	2 2.0	2 2.1	2 2.3	2 2.5	2 2.8	2 3.1	2 2.7	2 2.6	2 2.9	2 2.3	2 2.0	2 2.0	2 2.0	2 2.2	2 2.3	2 2.4	2 2.4	2 2.2	2 2.0	2 2.3	2.22	48	3.3

* Indicates Saturday or Sunday
Local standard time used

Table 3-200. AUGUST, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*																											
2																											
3																											
4																											
5	1.7	1.7	1.9	1.9	2.3	2.0	2.2	2.8	2.7	2.4	2.4	2.1	1.9	1.9	2.0	1.9	1.8	1.6	1.7	1.7	1.6	1.5	1.5	2.1	1.96	24	2.9
6	2.9	2.8	4.9	3.0	3.3	3.2	3.6	4.0	5.2	4.4	2.9	2.4	2.0	2.2	2.9	2.6	2.2	1.8	1.5	1.4	1.5	1.4	1.4	2.0	2.64	24	5.6
7*	2.7	3.3	3.6	3.3	2.8	2.7	3.4	3.5	4.7	2.1	2.1	1.7	1.6	1.7	1.6	1.6	1.5	1.3	1.1	1.2	1.3	1.5	1.4	1.3	2.11	24	3.8
8*	1.2	1.2	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.1	1.1	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.1	1.2	1.2	1.2	1.1	1.2	1.14	24	1.3
9	1.6	1.4	1.2	1.1	1.1	1.3	1.4	1.5	1.8	1.8	1.6	1.6	1.6	1.6	1.7	1.7	1.6	1.8	1.7	1.5	1.5	1.5	1.5	1.5	1.52	24	1.9
10	1.7	1.9	2.4	2.2	1.6	1.5	2.3	2.5	2.5	2.1	1.8	1.6	1.6	1.5	1.6	1.7	1.8	1.6	1.5	1.5	1.5	1.4	1.4	1.4	1.76	24	2.7
11	1.4	1.4	1.4	1.3	1.3	1.2	1.4	1.6	1.6	1.6	1.6	2.1	2.4	4.6	5.7	5.4	5.3	4.4	3.7	3.4	3.2	2.9	2.7	2.6	2.66	24	6.7
12	2.4	2.2	2.1	2.0	2.1	2.2	2.4	2.8	3.0	2.4	2.1	1.9	1.8	1.8	1.8		3.7	2.2	2.0	2.3	3.8	4.4	2.9	2.4	2.44	23	4.8
13	2.2	2.1	1.9	2.2	2.2	2.2	2.7	3.3	3.7	2.9	2.6	2.3		2.0	2.0	2.2	2.1	2.0	1.9	2.1	2.2	2.2	2.5	2.6	2.33	23	4.0
14*	2.6	2.5	2.3	2.1	2.5	3.2	2.7	2.3	2.1	2.1	2.2	2.3	2.3	2.2	2.1	2.0	1.9	1.9	1.9	2.1	2.1	2.2	2.2	2.2	2.23	24	3.3
15*	2.1	2.5	2.7	2.7	2.7	2.5	2.6	3.1	3.4	3.5	3.5	3.0	2.8	2.6	2.6	2.5	2.6	2.5	2.2	2.0	2.0	2.0	1.9	2.1	2.57	24	3.7
16	2.4	2.3	2.2	2.6	3.1	3.1	3.8	3.3	3.8	3.4	2.9	2.9	2.7	2.5	2.3	2.3	2.3	2.2	2.1	2.1	1.9	1.8	1.8	2.2	2.58	24	4.0
17	2.5	2.7	3.1	3.1	2.5	2.3	2.9	3.5	3.6	3.4	3.0	2.8	2.8	2.5	2.3	2.3	2.1	1.9	1.8	1.7	1.6	1.6	1.7	1.7	2.46	24	3.8
18	1.7	1.6	1.9	1.9	1.7	1.8	2.0	2.2	2.6	2.5	2.6	2.5	2.2	2.0	2.1	2.2	2.3	2.1	1.9	1.8	1.8	1.8	1.7	1.7	2.01	24	2.7
19	2.0	2.3	2.7	2.2	1.8	1.7	2.0	2.6	3.1	3.0	2.5	2.2						1.9	1.8	1.7	1.8	1.9	1.9	1.8	2.14	19	3.2
20	1.6	1.6	1.5	1.5	1.5	1.5	1.6	1.8	1.8	1.7	1.6		3.1	3.0	2.7	3.7	4.4	2.4	2.0	2.1	2.3	2.2	2.2	2.2	2.16	23	5.7
21*	2.2	2.2	2.3	2.5	2.6	2.8	2.9	2.8	2.6	2.3	2.1	1.8	1.8	1.8	1.8	1.8	1.7	1.6	1.6	1.6	1.7	1.8	1.8	1.9	2.08	24	3.0
22*	2.0	1.9	2.2	2.2	1.9	1.7	1.8	1.9	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.2	2.1	2.1	2.0	1.9	1.9	1.8	1.94	24	2.3
23	1.7	1.8	1.9	1.9	1.8	1.9	2.1	2.4	2.5	2.5	2.3	2.1	2.1	2.1	2.1	2.0	2.1	1.9	1.8	1.9	2.0	2.1	2.1	2.0	2.02	24	2.6
24	1.9	2.0	2.1	2.1	2.0	2.1	2.4	2.6	2.4	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.9	2.2	2.4	2.6	2.7	2.04	24	2.7
25	2.5	2.5	2.4	2.8	3.1	3.2	3.3	3.6	3.7	3.4	2.8	2.4	2.3	2.3	2.2	2.2	2.3	2.4	2.3	2.3	2.3	2.2	2.1	2.0	2.59	24	3.7
26	2.0	1.9	1.9	1.8	1.8	1.9	2.0	2.2	2.2	2.2	2.2	2.1	2.3			2.7	2.7	2.7	3.0	3.4	3.6	2.9	2.4	2.1	2.35	22	3.7
27	1.9	1.8	1.7	1.7	1.7	2.0	2.5	3.1	2.9	2.4	2.2		3.1	2.7	2.6	2.5	2.4	2.4	2.5	3.0	3.2	3.9	3.4	2.5	2.52	23	4.1
28*	2.4	2.8	2.6	2.5	2.8	2.7	2.8	3.0	2.8	2.6	2.2	2.0	1.9	1.9	1.8	1.9	1.9	1.8	1.7	1.6	1.6	1.6	1.6	1.5	2.16	24	3.0
29*	1.5	1.5	1.5	1.5	1.7	1.5	1.5	1.6	1.6	1.6	1.9	1.8	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.9	1.9	2.0	2.1	2.1	1.71	24	4.4
30	2.0	1.9	1.7	1.7	1.7	1.8	1.8	1.9	2.0	2.3	2.1	2.3	2.2	2.2	2.0		1.8	1.8	1.8	1.8	2.0	2.1	2.1	2.2	1.96	23	2.4
31	2.2	2.2	2.2	2.5	2.4	2.6	2.8	3.2	3.2	3.0	2.6	2.3	2.1	2.0	1.9		2.0	1.9	1.9	1.8	1.8	2.0	2.2	2.4	2.30	23	3.3
MEAN	2.0	2.1	2.1	2.1	2.1	2.1	2.4	2.6	2.7	2.5	2.2	2.1	2.1	2.1	2.2	2.2	2.3	2.0	1.9	2.0	2.1	2.1	2.0	2.0	2.16		
NO	27	27	27	27	27	27	27	27	27	27	27	25	25	25	25	23	26	27	27	27	27	27	27	27		635	
MAX	2.9	3.3	3.6	3.3	3.3	3.2	3.8	4.0	5.2	4.4	3.5	3.0	3.1	4.6	5.7	5.4	5.3	4.4	3.7	3.4	3.8	4.4	3.4	2.7	2.66		6.7

* Indicates Saturday or Sunday

Local standard time used

Table 3-201. SEPTEMBER, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	2.4	2.4	2.3	2.2	2.2	2.2	2.4	2.4	2.4	2.4	2.5	2.5	2.5	2.3	2.2	2.2	2.1	2.0	2.0	2.0	1.9	1.9	2.0	2.0	2.22	24	2.5
2	2.0	2.0	2.0	2.0	1.9	1.9	1.9	2.1	2.2	2.2	2.1	2.1	2.0	2.0			2.0	1.8	1.8	1.9	2.3	2.8	2.9	3.3	2.14	22	3.4
3	3.7	4.0	3.9	3.7	3.6	3.5	3.5	3.5	3.5	3.3	3.0	2.6	2.3	2.1	2.1	2.0	2.1	2.0	1.9	1.9	1.9	1.9	1.9	2.0	2.73	24	4.0
4*	2.2	2.5	2.8	3.2	3.1	3.1	3.0	3.0	2.9	2.8	2.6	2.2	2.0	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	2.26	24	3.2
5*	1.8	2.0	2.2	2.2	2.1	2.0	2.0	2.1	2.1	2.1	1.9	1.8	1.8	1.7	1.7	1.7	1.8	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.88	24	2.2
6	1.9	1.9	2.0	1.9	1.9	1.9	2.1	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.8	1.9	1.9	1.9	2.0	2.1	2.2	2.5	2.5	2.4	2.02	24	2.6
7	2.3	2.3	2.3	2.3	2.4	2.6	2.7	2.9	3.0	2.9	2.8	2.7	2.6	2.5	2.4	2.3	2.4	2.2	2.2	2.3	2.5	2.3	3.2	3.4	2.57	24	3.6
8	3.1	2.8	2.9	2.8	2.6	2.9	3.3	3.9	4.0	3.6	3.0	2.6	2.4	2.4	2.3	2.3	2.3	2.3	2.3	2.3	2.5	2.6	2.6	2.4	2.75	24	4.1
9	2.3	2.2	2.2	2.2	2.3	2.6	3.0	3.3	3.5	3.3	2.9			2.8	2.8	2.8	2.6	2.5	2.3	2.1	2.0	2.0	2.1	2.1	2.52	22	3.6
10	2.1	2.2	2.1	2.0	2.1	3.3	4.2		4.5	3.9	3.5	3.3	3.3	2.9	2.8	2.8	3.0	2.9	3.2	3.1	3.9	3.8	3.4	3.6	3.11	23	4.9
11*	3.1	3.5	3.2	3.0	3.1	3.4	3.3	2.8	2.3	2.1	1.9	1.9	1.8	1.7	1.7		3.5	3.5	2.9	2.8	2.7	2.7	2.8	2.8	2.71	23	3.7
12*	2.9	2.8	2.8	2.8	2.8	2.7	2.6	2.6	2.7	2.6	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.5	2.5	2.4	2.62	24	3.0
13	2.4	2.3	2.3	2.2	2.2	2.4	2.7	3.5	4.1	4.3	4.3	4.3		4.2	4.4		4.0	3.8	3.5	3.2	3.3	3.2	3.2	3.2	3.30	22	4.7
14	2.9	2.7	2.6	2.4	2.4	2.4	2.5	2.9		3.4	3.1	2.8		2.8	2.8	2.8	2.7	2.9	3.0	3.0	2.9	3.2	3.0	3.0	2.82	22	3.4
15	2.9	2.8	2.7	2.7	2.5	2.6	2.7	2.7		2.8	2.8	2.9	2.8	2.8	2.7	3.0	3.1	3.2	3.2	3.0	2.9	3.2	3.8	3.8	2.93	23	4.0
16	3.5	3.0	3.0	2.7	2.6	2.5	2.7	2.9	2.9	2.7			2.4	2.1	1.9	2.0	2.0	1.9	1.8	1.9	2.0	2.2	2.5	2.5	2.44	22	3.7
17	2.3	2.4	2.3	2.3	2.3	2.3	2.4	2.7	2.7	2.4	2.3	2.2	2.1	2.2	2.1	2.2	2.3	2.2	2.0	1.9	1.9	1.8	1.9	1.8	2.19	24	2.7
18*	2.0	2.1	2.0	1.8	1.7	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.4	2.2	2.1	2.0	2.0	2.0	2.0	2.3	2.5	2.6	2.8	3.0	2.10	24	3.2
19*	3.8	4.1	3.3	2.8	2.4	2.1	2.0	2.0	2.0	2.0	1.9	1.8	1.8	1.9	1.9	1.9	1.9	1.9	1.8	1.7	1.7	1.7	1.6	1.6	2.14	24	4.5
20	1.6	1.6	1.6	1.6	1.6	1.7	1.9	2.1	2.5	2.6	2.6	3.0	3.7	3.9	3.5	2.9	2.9	2.9	2.8	2.6	2.3	2.2	2.3	2.5	2.44	24	4.1
21	2.6	2.9	2.6	2.5	2.3	2.2	2.2	2.6	2.7	2.8	3.6	4.2	3.9	3.6	3.4	3.2	3.1	3.0	2.6	2.4	2.3	2.2	2.3	2.3	2.79	24	4.2
22	2.5	2.5	2.3	2.4	2.7	2.9	3.4	3.4	3.1	3.0	3.2	2.8	2.5	2.5	2.3	2.3	2.2	2.1	2.0	2.1	2.1	2.0	1.9	1.9	2.48	24	3.6
23	2.0	2.0	1.9	1.9	2.1	2.3	2.4	2.7	2.8	2.5			3.3	3.3	3.0	2.6	2.4	2.2	2.0	2.1	2.3	2.3	2.2	2.2	2.38	22	3.4
24	2.0	1.9	2.0	2.2	2.4	2.6	2.8	3.4	3.4	3.3	3.0	2.5	2.3	2.4	2.3	2.4	2.5	2.5	2.2	1.9	1.8	1.8	1.7	1.6	2.36	24	3.5
25*	1.6	1.6	1.6	1.5	1.5	1.4	1.5	1.6	1.6	1.6	1.6	1.5	1.5	1.8	2.4	3.5	2.0	1.9	1.8	2.0	2.2	2.5	2.7	2.8	1.89	24	5.4
26*	2.8	2.6	2.3	2.1	2.0	2.0	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.6	1.7	1.7	1.7	1.8	1.9	2.0	2.2	2.4	2.4	1.96	24	2.8
27	2.3	2.1	1.9	1.9	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.2	2.4	2.5	2.4	1.95	24	2.6
28	2.2	2.2	2.1	2.1	2.1	2.1	2.3	2.6	2.8	2.9		2.6	2.3	2.3	2.3	2.0	2.0	2.0	1.9	1.9	1.9	1.9	2.0	2.2	2.19	23	2.9
29	2.4	2.7	2.7	2.6	2.6	2.8	3.1	3.7	3.7	3.5	3.5	3.0	2.6	2.4	2.4	2.4	2.3	2.3	2.3	2.5	2.6	2.7	2.8	2.9	2.76	24	3.8
30	3.0	3.1	3.3	3.5	3.4	3.2	3.2	3.4	3.3	3.0	2.7	2.5	2.4		2.8	2.9	3.0	2.7	2.2	2.1	2.0	1.9	1.9	1.9	2.75	23	3.5
MEAN	2.5	2.5	2.4	2.4	2.4	2.4	2.6	2.7	2.8	2.7	2.6	2.5	2.4	2.4	2.4	2.4	2.4	2.3	2.3	2.2	2.3	2.4	2.4	2.5	2.44		
NO	30	30	30	30	30	30	30	29	28	30	27	27	27	29	29	27	30	30	30	30	30	30	30	30		703	
MAX	3.8	4.1	3.9	3.7	3.6	3.5	4.2	3.9	4.5	4.3	4.3	4.3	3.9	4.2	4.4	3.5	4.0	3.8	3.5	3.2	3.9	3.8	3.8	3.8	3.30		5.4

* Indicates Saturday or Sunday

Local standard time used

Table 3-202. OCTOBER, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN. MAX.
1	1.9		1.8	1.8	1.7	1.7	1.9	2.2	2.3	2.1	2.0	2.0	2.0				2.3	2.5	2.7	2.5	2.2	2.1	1.8	1.6	2.05	20	2.8
2*	1.6	1.7	2.1	2.0	1.9	1.8	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.8	2.0	2.3	2.4	2.6	3.1	1.85	24	3.7
3*	3.8	3.1	2.5	2.4	2.3	2.4	2.5	2.2	2.3	2.2	1.9	1.7	1.7	1.7	1.7	1.6	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	2.00	24	3.9
4	1.5	1.5	1.5	1.5	1.5	1.6	1.7	1.8	1.8	1.7		1.7	1.6		1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.5	1.5	1.5	1.58	22	1.9
5	1.5	1.5	1.5	1.5	1.5	1.5	1.7	1.8	1.9		1.9	1.8	1.7		1.7		1.8	1.8	1.8	1.9	2.1	2.4	2.4	2.4	1.80	21	2.5
6	2.2	2.0	1.8	1.8	1.9	2.0	2.2	2.6	2.7	2.4	2.1	2.0	1.9	1.8	1.8		1.8	2.0	2.2	2.4	2.5	2.3	2.2	2.3	2.11	23	2.7
7	2.2	2.4	2.4	2.4	2.3	2.7	3.7	5.2	5.2	4.2	3.3		2.4				2.8	2.7	2.2	2.0	1.9	1.9	2.2	2.3	2.80	20	5.6
8																											
9*																											
10*																											
11																											
12	2.6	2.1	2.0	2.1	2.3	2.4	2.4	2.7	3.0	2.7	2.4	2.2	2.0	1.9	1.9	1.9	2.0	2.0	2.3	3.1	3.3	3.3	3.0	2.7	2.41	24	3.5
13	2.3	2.1	1.8	1.8	1.8	2.0	2.4	2.9	2.7	2.2	2.0	1.9	1.8	1.7	1.8	1.8	1.9	2.0	2.1	2.6	3.5	3.6	4.1	4.8	2.38	24	5.0
14	4.1	3.9	2.9	2.6	2.7	2.7	3.6	5.4	5.8	5.7		3.7	3.0	2.8	2.5	2.3	2.4	2.4	2.4	2.4	2.3	2.2	2.3	2.3	3.14	23	5.9
15	2.4	2.3	2.3	2.8	3.8	3.6	4.0	3.6		4.0	2.6	2.6	2.5	2.5	2.5	2.5	2.5	2.4	2.2	2.4	2.7	2.8	3.0	3.0	2.82	23	6.8
16*	2.9	2.8	2.9	2.5	2.4	2.4	2.4	2.4	2.3	2.1	1.9	1.9	1.8	1.7	1.7	1.7	1.7	1.7	1.8	1.9	1.9	1.9	1.9	1.9	2.10	24	3.0
17*	1.9	1.8	1.8	1.8	1.8	1.7	1.8	1.9	2.0	2.0	2.0	2.0	2.0	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.87	24	2.0
18	2.0	2.3	2.6	2.7	2.9	3.2	3.7	4.3	4.7	4.0	3.1	2.7	2.5	2.5	2.8	3.1	3.2	3.2	3.2	3.4	4.1	4.2	4.0	3.7	3.25	24	4.9
19	3.2	2.7	2.5	2.3	2.3	2.5	3.1	3.4	3.4	3.0	2.7	2.5	2.3	2.2	2.2	2.2	2.4	2.4	2.9	3.4	3.7	3.8	4.0	4.3	2.87	24	4.3
20	4.0	3.9	3.9	3.8	3.9	4.1	4.5	4.8	4.6	3.8	3.3	2.8	2.5	2.5	3.0	3.2	3.1	3.3	3.9	3.1	2.8	2.8	3.1	3.1	3.48	24	4.8
21	3.3	4.0	4.5	4.3	4.0	4.0	4.1	4.1	4.2	4.1			3.4	3.2	3.1	3.3	3.5	3.6	3.3	3.0	2.7	2.6	2.6	2.7	3.52	22	4.6
22	2.6	2.4	2.2	2.1	2.3	2.4	2.9	3.4	3.7	3.6	3.2	2.8	2.5	2.5	2.7	2.8	2.7	2.5	2.2	2.2	2.1	2.2	2.1	2.5	2.60	24	3.8
23*	2.4	2.3	2.1	2.5	2.5	2.6	2.5	2.5	2.4	2.2	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.8	1.8	1.9	2.0	2.08	24	2.6
24*	2.0	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.7	1.77	24	2.0
25	1.7	1.7	1.7	1.7	1.7	1.7	1.9	2.2	2.3	2.2	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.3	2.6	2.5	2.4	2.6	2.02	24	2.8
26	2.7	2.7	2.8	3.1	3.2	3.0	3.3	3.4	3.2	3.1	2.7	2.3	2.1	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.4	2.3	2.63	24	3.5
27	2.1	2.1	2.2	2.5	2.3	2.2	2.3	2.4	2.3	2.2	2.1	2.0	1.9	1.9	1.9	1.9	2.0	2.0	2.1	2.3	2.3	2.3	2.1	2.2	2.14	24	2.6
28	2.5	2.8	2.5	2.2	2.0	2.0	2.1	2.6	3.1			2.7	2.4	2.3	2.1	1.9	1.9	1.9	1.8	1.8	1.7	1.7	1.7	1.6	2.13	22	3.3
29	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.9	2.0	2.0	1.9	2.0	2.0	1.9	1.9	1.9	2.1	2.1	2.1	2.0	2.1	2.1	2.1	2.1	1.89	24	2.2
30*	2.3	2.4	2.1	2.1	2.2	2.5	2.6	2.6	2.7	2.5	2.5	2.3			2.0	1.9	1.9	2.1	2.1	2.1	2.1	2.1	2.1	2.3	2.24	22	2.7
31*	2.7	3.0	2.9	2.9	2.9	2.8	2.7	3.1	3.7	3.3	3.1	2.9	2.3	2.0	2.0	2.1	2.2	2.4	2.5	2.2	2.0	1.8	1.6	1.6	2.51	24	3.9
MEAN	2.4	2.4	2.3	2.3	2.3	2.4	2.6	2.9	3.0	2.8	2.3	2.2	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.37		
NO.	27	26	27	27	27	27	27	27	26	25	23	25	26	22	25	23	27	27	27	27	27	27	27	27		626	
MAX	4.1	4.0	4.5	4.3	4.0	4.1	4.5	5.4	5.8	5.7	3.3	3.7	3.4	3.2	3.1	3.3	3.5	3.6	3.9	3.4	4.1	4.2	4.1	4.8	3.52		6.8

* Indicates Saturday or Sunday

Local standard time used

Table 3-203. NOVEMBER, 1965. HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.7	1.8	1.9	1.9	1.8	1.8	1.7	1.8	1.9	1.9	2.2	2.3	2.3	2.2	2.0	1.9	1.8	1.80	24	2.4
2	1.7	1.7	1.7	1.6	1.6	1.6	1.7	1.7	1.8	1.9	1.9	1.9	1.9	1.8	1.9	2.0	2.1	2.1	2.1	2.1	2.0	2.0	2.1	2.1	1.87	24	2.2
3	2.1	3.1	3.0	2.6	2.8	2.6	2.3	2.3	2.9	3.1	2.7	2.4	2.3	2.3	2.2	2.3	2.4	2.7	3.4	3.7	3.5	3.0	2.8	2.7	2.71	24	3.8
4	2.7	3.1	3.2	3.1	3.1	3.0	2.8	2.9	3.1	3.4	3.1	2.5	2.3		2.6	2.3	2.0	2.0	2.0	1.9	1.9	1.9	1.8	1.8	2.53	23	3.6
5	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.8	2.0	2.1	2.1	2.0	2.0	1.9	2.0	2.0	2.2	2.4	2.2	2.0	1.9	1.9	2.0	2.1	1.93	24	2.5
6*	2.1	2.2	2.6	2.6	2.7	2.9	2.9	2.8	3.0	3.6	3.2	2.6	2.3	2.1	2.0	1.9	1.9	2.0	2.0	2.4	2.6	2.6	2.7	3.0	2.52	24	3.9
7*	2.7	2.7	3.5	3.7	3.3	3.1	3.0	3.4	3.5	3.2	3.2	3.0	3.0	2.6	2.6	2.1	2.0	2.0	2.1	2.2	2.2	2.2	2.1	2.0	2.72	24	4.1
8	2.0	1.9	1.9	1.9	1.8	1.9	2.0	2.1	2.5	2.6	2.5	2.4	2.3	2.3	2.3	2.2	2.4	2.4	2.3	2.2	2.1	2.2	2.3	2.2	2.18	24	2.7
9	2.1	1.9	1.8	1.7	1.5	1.5	1.4	1.5	1.5	1.6	1.5	1.5	1.4	1.4			2.2	2.3	2.2	2.0	1.6	1.6	1.6	1.5	1.68	22	2.4
10	1.5	1.5	1.4	1.4	1.4	1.3	1.4	1.6	2.0	2.5	2.5	2.3			2.0	1.8	1.9	1.9	1.9	1.7	1.7	2.6	2.0	1.7	1.81	22	5.5
11	1.7	1.7	1.8	1.8	1.8	1.9	2.1	2.7	3.3	3.6	3.5	3.4	3.1	2.7	2.3	2.2	2.1	2.2	2.0	1.9	1.8	1.8	1.8	1.9	2.28	24	3.6
12	2.0	2.0	2.0	1.9	1.9	2.0	2.1	2.4	2.8	2.8	2.6	4.6	2.5	2.1	2.0	2.1	2.3	2.8	2.7	2.2	1.9	1.8	1.9	1.8	2.19	24	2.9
13*	1.9	2.0	2.1	2.2	2.1	2.0	2.0	1.9	1.9	1.9	1.9	2.1	2.2	2.2	2.2	2.0	2.0	1.9	1.9	1.8	1.9	2.1	2.0	2.0	2.00	24	2.3
14*	1.9	1.8	1.8	1.8	1.8	1.8	1.7	1.7	1.6	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.7	1.8	1.8	1.8	1.8	1.70	24	1.9
15	1.7	1.7	1.6	1.7	1.8	1.8	1.9	2.2	2.3	2.4	2.2	2.1	1.9	1.9	2.1	2.2	2.3	2.3	2.1	2.0	2.0	1.9	2.1	2.0	1.99	24	2.4
16	2.1	2.1	2.0	1.9	1.7	1.7	1.7	1.9	2.0	2.2	2.4	2.5	2.4	2.5	2.6	2.8	2.7	2.8	3.0	2.8	3.3	4.5	3.2	2.7	2.46	24	4.9
17	2.6	2.1	2.5	2.3	2.3	2.0	1.6	1.6	1.7			2.0	1.7	1.6	1.6	1.7	1.8	1.9	1.7	1.6	1.5	1.5	1.5	1.4	1.81	22	2.9
18	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.5	1.6	1.7	1.8	2.0	1.9	1.9	1.8	1.8	1.8	1.8	1.62	24	2.0
19	1.7	1.7	1.7	1.7	1.8	1.9	2.0	2.0	2.1	2.3	2.1	2.1	2.1	1.9	1.9	1.9	2.0	2.2	2.2	2.0	2.0	2.1	2.2	2.4	1.98	24	2.4
20*	2.3	2.2	2.2	2.2	2.1	2.1	2.4	3.0	4.1	4.7	4.1	2.8	2.3	2.1	2.0	2.0	1.9	2.0	2.0	2.0	2.1	2.1	2.0	2.0	2.42	24	5.1
21*	2.1	2.0	1.9	1.9	2.1	2.5	2.3	2.5	2.5	2.8	2.5	2.6	2.6	3.1	3.1	2.9	3.3	3.7	3.5	2.9	2.8	2.8	2.6	2.5	2.64	24	3.8
22	2.6	2.5	2.4	2.3	2.4	2.5	2.6	2.9	3.3	3.4	3.1	2.8	2.5	2.6	2.5	2.4	2.4	2.7	2.6	2.3	2.2	2.1	2.0	2.0	2.54	24	3.4
23	1.9	1.8	1.8	1.8	1.8	1.9	1.9	2.1	2.6	2.5	2.2	2.1	2.1	2.2	2.2	2.1	2.2	2.6	2.8	2.7	2.4	2.1	1.9	1.8	2.14	24	2.8
24	1.8	1.7	1.7	1.7	1.7	1.7	1.8	2.0	2.4	2.7			2.1	2.0	2.0	2.1	2.2	2.4	2.4	2.2	2.1	2.1	2.0	2.1	2.03	22	3.3
25	2.1	2.2	2.2	2.4	2.5	2.6	2.8	3.0	2.7	2.5	2.4	2.2	2.0	1.9	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.4	2.14	24	3.1
26	2.4	2.3	2.5	2.8	2.3	2.0	2.0	2.1	2.4	2.6	3.1	3.0	3.0	3.2	3.2	3.0	2.8	2.9	2.4	2.0	2.0	1.9	1.8	1.8	2.47	24	3.3
27*	1.8	1.7	1.6	1.5	1.6	1.5	1.5	1.4	1.5	1.9	1.9	1.8	1.8	1.6	1.4	1.4	1.5	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.58	24	2.2
28*	1.4	1.4	1.9	1.7	1.5	1.8	2.1	2.0	2.1	2.0	1.9	1.8	1.6	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.6	1.5	1.5	1.4	1.68	24	2.2
29	1.3	1.3	1.2	1.2	1.3	1.3	1.4	1.6	1.7	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.6	1.8	1.8	1.7	1.7	1.6	1.6	1.5	1.50	24	1.8
30	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.5	1.7	1.7	1.5	1.5	1.5	1.4	1.4	1.4									1.42	16	1.8
MEAN	1.9	1.9	2.0	2.0	1.9	2.0	2.0	2.1	2.3	2.5	2.4	2.2	2.1	2.0	2.1	2.0	2.1	2.2	2.2	2.1	2.1	2.1	2.0	2.0	2.09		
NO	30	30	30	30	30	30	30	30	30	29	28	29	29	28	29	29	29	29	29	29	29	29	29	29		703	
MAX	2.7	3.1	3.5	3.7	3.3	3.1	3.0	3.4	4.1	4.7	4.1	3.4	3.1	3.2	3.2	3.0	3.3	3.7	3.5	3.7	3.5	4.5	3.2	3.0	2.72		5.3

* Indicates Saturday or Sunday

Local standard time used

Table 3-204. DECEMBER, 1965, HOURLY AVERAGE TOTAL HYDROCARBON CONCENTRATIONS (ppm)

Flame Ionization Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1																											
2																											
3																											
4*																											
5*																											
6																											
7																											
8																											
9																											
10																											
11*																											
12*																											
13																											
14																											
15																											
16																											
17																											
18*																											
19*																											
20																											
21	1.2	1.1	1.0	0.9	0.9	1.0	1.2	1.9	2.4	1.9	1.5	1.5	1.5	1.3	1.3	1.7	1.7	2.3	2.0	2.0	2.0	1.8	1.6	1.8	1.55	24	2.7
22	1.7	1.7	1.7	1.7	1.5	1.6	1.8				2.3	1.7	1.5	1.8	1.9	2.2	2.8	3.6	3.0	2.9	3.4	4.0	3.8	2.8	2.34	21	5.6
23	2.8		2.9	2.3	2.0	3.0	3.6	3.2	4.6	4.1	4.1	4.4	3.8	4.0	4.5	3.9	4.3	5.1	3.2	3.6	3.3	3.9	2.8	2.8	3.56	23	9.0
24	2.8	1.8	2.2	1.5	3.1	3.6	2.2	3.5	4.9	3.3	3.5	2.6	2.5	2.3	2.6	2.5	3.1	2.3	2.0	2.3	3.2	3.7	2.3	1.8	2.62	24	5.3
25*	1.6	1.5	1.3	2.6	2.1	1.2	1.1	1.7	1.1	1.3	2.3	1.2	1.6	1.8	1.7	1.6	1.2	1.2	1.1	1.1	1.2	1.2	1.1	1.1	1.45	24	3.9
26*	0.9	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.9	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1	1.1	0.91	24	1.2
27	1.1	1.0	1.0	1.0	1.0	1.0	1.2	1.4	1.7	1.8	2.0	2.4	2.4	2.7	2.8	2.6	2.2	2.4	1.6	1.5	1.8	3.1	2.4	2.9	1.87	24	3.9
28	2.0	1.5	1.5	1.4	1.4	1.7	1.9	2.6	2.8	1.9	1.5	1.5	1.6	1.6	1.7	1.7	2.1	2.7	2.3	2.4	2.3	2.4	2.6	3.4	2.00	24	4.1
29	3.3	2.5	4.2	3.6	3.4	4.6	2.6	3.5	3.6	4.3	3.9			2.5	2.6	2.8	3.2	3.9	4.1	3.7	3.5	3.0	3.3	4.0	3.36	22	6.2
30	3.9	3.3	3.4	4.0	5.7	5.0	3.5	4.0	7.0	5.1	3.7	3.9			3.4	3.0	3.5	3.2	4.3	5.6	3.0	2.5	2.4	2.4	3.87	22	8.5
31	2.6	2.2	2.1	2.1	2.7	2.4	3.2	4.5	3.6	4.1	4.4	3.1	3.4	2.9	2.8	2.4	2.5	5.6	5.1	4.0	3.0	3.6	3.3	1.9	3.22	24	8.3
MEAN																											
NO.	11	10	11	11	11	11	11	10	10	10	11	10	9	10	11	11	11	11	11	11	11	11	11	11		256	
MAX	3.9	3.3	4.2	4.0	5.7	5.0	3.6	4.5	7.0	5.1	4.4	4.4	3.8	4.0	4.5	3.9	4.3	5.6	5.1	5.6	3.5	4.0	3.8	4.0	3.87		9.0

* Indicates Saturday or Sunday

Local standard time used

TOTAL OXIDANT
DATA TABLES
3-205 through 3-250

Continuous Air Monitoring Projects

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Table 3-205. JANUARY, 196:, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATION (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	0-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00				.00	.00	.00	.00	.00	.00	.00	.001	20	.01
3	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
4	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
5	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.01
6*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
7*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
8	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
9	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
10	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*																											
22																											
23																											
24	.00		.00	.01	.01	.00	.00	.00	.01	.01	.00	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
25	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
26	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
27*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00								.001	16	.01
28*																											
29											.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	14	.01
30	.00												.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	13	.01
31	.00		.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.002	22	.01
MEAN	.00										.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			
NO	16		14	15	15	15	15	14	15	15	6	16	17	17	16	16	16	16	16	16	16	16	16	16		360	
MAX	.00		.00	.01	.01	.00	.00	.00	.01	.01	.00	.01	.01	.00	.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.002		.01

* Indicates Saturday or Sunday

Local standard time used

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Table 3-206. FEBRUARY, 962, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.01				.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00		.01	.00	.007	20	.01
2	.00		.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
3*	.00		.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.01
4*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
5	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
6	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
7	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.01						.00	.00	.00	.00	.00	.00	.00	.002	18	.01
8	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
9	.00		.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.00
10*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
11*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00											.000	13	.01
12																											
13	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
14	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
15	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
16																											
17*																											
18*																											
19																											
20																											
21																											
22																											
23																											
24*																											
25*																											
26																											
27																											
28																											
MEAN																											
NO	14		13	13	14	14	14	14	14	1	12	13	13	13	12	12	12	13	13	13	13	12	13	13		298	
MAX	.01		.00	.00	.01	.01	.01	.01	.01	.1	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.007		.02

* Indicates Saturday or Sunday

Local standard time used

Table 3-207. MARCH, 1962, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1																											
2																											
3*																											
4*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
8	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
9	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
10*																											
11*										.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	15	.00
12	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
13																											
14																											
15																											
16																											
17*											.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	14	.01
18*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.02	.00	.00	.00	.00	.00	.00	.00	.006	22	.03
19	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.04
20	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.000	23	.01
21	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
22	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.03	.02			.00	.00	.00	.00	.00	.00	.006	21	.03
23	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.005	23	.04
24*	.00			.00	.00	.00	.00	.01	.01	.01	.02					.02	.02	.02	.01	.00	.00	.00	.00	.00	.006	18	.03
25*	.00			.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.01	.02	.01	.01	.00	.00	.01	.00	.00	.00	.006	22	.03
26	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.005	23	.04
27																											
28																											
29	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.02	.02	.01	.02	.00	.00	.004	23	.04
30	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.01	.01	.02	.02	.02	.00	.00	.004	22	.02
31*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01			.02	.01	.00	.01	.01	.00	.01	.01	.005	21	.03
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002		
NO	19		16	19	19	19	19	19	19	20	21	20	19	20	19	20	20	20	21	21	21	21	21	21		454	
MAX	.00		.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.006		.04

* Indicates Saturday or Sunday

Local standard time used

Table 3-208. APRIL, 1962, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1*	.01		.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
3	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.005	23	.02
4	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00			.00	.00	.00	.00	.00	.001	21	.01
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.002	23	.03
6																											
7*																											
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.003	23	.03
9	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.002	23	.02
10	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.003	23	.03
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.000	19	.01
12	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
13	.00		.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.01
14*	.00		.00	.00	.00	.00	.00										.00	.00	.00	.00	.00	.00	.00	.00	.000	14	.01
15*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
16	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.001	21	.02
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
18																											
19	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
20	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.04
21*	.00		.00	.00	.00	.00	.00	.00	.00	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.01	.00	.00	.00	.00	.014	23	.05
22*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.05	.00			.01	.03	.00	.00	.00	.00	.00	.00	.006	21	.07
23	.00		.00	.00	.00	.00	.00	.00			.03	.03	.03	.03	.02	.03	.02	.01	.01	.01	.01	.00	.00	.00	.010	21	.04
24	.01			.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.007	22	.03
25	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.00	.00	.00	.00	.00	.00	.002	23	.05
26	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.04	.04	.02	.00	.00	.00	.00	.006	23	.06
27	.00		.00	.00	.00	.00	.00	.00	.00			.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.002	21	.03
28*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.02	.01	.01	.01	.01	.01	.005	23	.03
29*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.02	.02	.01	.00	.00	.00	.00	.00	.00	.006	23	.03
30	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.003		
NO	27		26	27	27	27	27	26	25	24	24	26	25	25	25	24	26	25	25	27	27	27	27	27		596	
MAX	.01		.00	.01	.00	.01	.00	.00	.01	.03	.04	.04	.05	.04	.03	.03	.03	.04	.04	.02	.01	.01	.01	.01	.014		.07

* Indicates Saturday or Sunday

Local standard time used

Table 3-209. MAY, 1962, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.001	23	.01
2	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
3	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00			.00	.00	.00	.000	21	.03
4	.00		.00	.00	.00	.00	.00	.00										.00	.00	.00	.00	.00	.00	.00	.000	14	.00
5*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
6*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00										.000	14	.00
7																											
8	.02		.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
9	.00		.00	.00	.00	.00	.00	.02	.02	.03	.03	.03	.03	.04	.04	.03	.03	.02	.01	.00	.00	.00	.00	.00	.014	23	.05
10	.00		.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.03	.03	.04	.04	.02	.03	.03	.02	.01	.00	.01	.01	.014	23	.05
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.00	.003	23	.03
12*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.05	.05	.04	.05	.04	.04	.03	.04	.03	.02	.02	.019	23	.07
13*	.01		.00	.00	.00	.00	.00	.00	.01	.02	.03					.02	.03	.02	.01	.01	.00	.01	.00	.00	.010	19	.04
14	.01		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.002	23	.01
15	.00		.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.02	.04	.04	.04	.04	.05	.04	.03	.02	.01	.00	.00	.015	23	.08
16	.00		.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.02	.01						.005	18	.03
17																											
18																											
19*																											
20*	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.08	.08	.06	.06	.07	.05	.01	.02	.03	.03	.026	22	.09
21	.02		.02	.01	.00	.00	.00	.01	.02	.02	.04	.05	.05	.04	.04	.04	.03	.03	.03	.02	.01	.01	.01	.00	.021	23	.06
22	.01		.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.02	.00	.00	.02	.02	.01	.00	.00	.00	.006	23	.05
23	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.05	.05	.05	.05	.04	.04	.03	.03	.02	.02	.01	.01	.019	23	.06
24	.02		.00	.00	.00	.00	.00	.01	.03	.03	.00	.00	.00	.00	.00	.03	.02	.00	.00	.00	.00	.00	.00	.00	.006	23	.05
25	.00		.00	.00	.00	.01	.00	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.02	.01	.01	.00	.00	.020	23	.06
26*	.00		.00	.00	.01	.00	.00	.00	.00	.03	.05	.06	.06	.06	.06	.06	.05	.04	.03	.01	.00	.02	.02	.03	.026	23	.08
27*	.03		.03	.03	.03	.03	.02	.02	.02						.04	.03	.05	.05	.03	.01	.01	.01	.00	.02	.024	18	.06
28	.02		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.01	.00	.01	.00	.00	.005	23	.03
29	.00		.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.02	.02	.02	.01	.02	.01	.01	.02	.01	.00	.00	.00	.010	23	.04
30	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.002	23	.03
31	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.00	.00	.02	.03	.01	.00	.00	.00	.00	.00	.005	23	.08
MEAN	.01		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.00	.01	.010		
NO.	27		26	27	27	27	27	27	26	25	25	24	24	24	25	25	25	26	26	24	24	25	25	25		586	
MAX	.03		.03	.03	.03	.03	.02	.02	.03	.03	.05	.06	.06	.06	.08	.08	.06	.06	.07	.05	.04	.03	.03	.03	.026		.09

* Indicates Saturday or Sunday

Local standard time used

Table 3-210. JUNE, 1962, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.00		.00	.00	.00	.00	.00	.01	.03	.03	.05	.05	.06	.06	.05	.02	.00	.04	.06	.01	.00	.01	.02	.00	.022	23	.08
2*	.01		.01	.00	.00	.00	.00	.02						.06	.06	.05	.05	.04	.04	.02	.01	.01	.01	.02	.023	18	.06
3*	.02		.02	.02	.02	.02	.02	.02	.02	.02	.04	.03	.02	.04	.03	.04	.04	.06	.06	.05	.02	.00	.00	.00	.026	23	.08
4	.01		.00	.00	.00	.00	.00	.01	.00	.01	.01	.03	.03	.02	.04	.03	.02	.02	.02	.03	.03	.01	.00	.00	.014	23	.05
5	.01		.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.001	23	.02
6	.00		.00	.00	.00	.00	.00	.00	.01	.02	.03	.04	.04	.04	.03	.03	.02	.03	.02	.01	.00	.00	.00	.00	.014	23	.04
7	.01		.00	.00	.00	.00	.00	.00	.01	.02	.03	.03	.03	.03	.04	.05	.05	.04	.03	.02	.02	.00	.00	.00	.018	23	.07
8	.00		.00	.00	.01	.00	.00	.01	.02	.03	.02	.03	.04	.04			.00	.02	.04	.02	.04	.04	.03	.02	.019	21	.07
9*	.00		.00	.00	.00	.00	.00	.01	.02	.06	.07	.07	.09	.05	.06	.06	.03	.01	.05	.06	.03	.00	.00	.00	.029	23	.11
10*	.00		.00	.00	.00	.00	.00	.00	.00				.01	.01	.01	.02	.02	.00	.00	.01	.02	.03	.02	.00	.007	20	.04
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.00										.003	14	.06
12																											
13	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
14	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.004	23	.04
15	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.02	.06	.01	.01	.04	.01	.01	.00	.00	.00	.008	23	.09
16*	.00		.00	.00	.00	.00	.00	.00	.03	.04	.04	.05	.05	.06	.05	.05	.05	.04	.03	.01	.01	.01	.01	.01	.023	23	.07
17*	.00		.00	.00	.00	.00	.00	.03	.06	.07	.08	.08	.08	.09	.08	.08	.08	.07	.06	.05	.04	.03	.03	.03	.044	23	.09
18	.03		.01	.00	.00	.00	.01	.02	.01	.06	.10	.09	.09	.08	.08	.08	.08	.07	.01	.01	.03	.00	.00	.00	.037	23	.12
19	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.02	.01	.00	.00	.00	.00	.00	.01	.004	23	.09
20	.01		.00	.00	.01	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.03
21	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.04	.04	.03	.03	.03	.04	.02	.01	.00	.00	.05	.03	.03	.017	23	.10
22	.05		.04	.03	.02	.00	.00	.01	.02	.03	.05	.06	.06	.06	.05	.06	.05	.05	.04	.04	.02	.02	.00	.01	.032	23	.07
23*	.01		.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.00	.00	.02	.00	.00	.00	.00	.00	.005	23	.04
24*	.00		.00	.00	.01	.00	.00	.01	.00	.00	.00	.03	.03	.03	.01	.01	.00	.02	.02	.01	.00	.00	.00	.00	.007	23	.04
25	.00		.00	.00	.00	.00	.00	.01	.02	.04	.03	.05	.06	.04	.04	.04	.05	.05	.03	.01	.01	.00	.00	.00	.021	23	.07
26	.00		.00	.00	.00	.00	.00	.00	.00	.02	.03	.06	.05	.01	.01	.01	.03	.03	.02	.01	.00	.00	.00	.00	.012	23	.10
27																											
28																											
29	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.06	.06	.05	.03	.02	.00	.01	.00	.00	.00	.00	.014	22	.09
30*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.05	.06	.03	.04	.03	.01	.00	.00	.00	.010	23	.09
MEAN	.01		.00	.00	.00	.00	.00	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.01	.01	.01	.01	.00	.015		
NO	27		26	27	27	27	27	27	26	25	25	25	26	27	26	25	26	26	26	26	26	26	26	26		601	
MAX	.05		.04	.03	.02	.02	.02	.03	.06	.07	.10	.09	.09	.09	.08	.08	.08	.07	.06	.06	.04	.05	.03	.03	.044		.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-211. JULY, 1962. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M.												P.M.												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.00		.00	.00	.00	.00	.00	.00	.05	.07	.06	.06	.06	.05	.05	.04	.04	.03	.03	.02	.02	.02	.01	.01	.026	23	.07
2	.02		.01	.00	.00	.00	.00	.00								.05	.05	.05	.04	.04	.04	.05	.03	.01	.023	16	.07
3	.02		.00	.00	.00	.00	.00	.00	.00	.01	.03	.06	.05	.04	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.009	23	.08
4	.00		.00	.00	.00	.00	.00	.00	.04	.03	.03	.05	.08	.06	.06	.03	.05	.03	.00	.00	.00	.00	.00	.00	.020	23	.09
5	.00		.01	.01	.00	.00	.00	.00	.02	.03	.03	.04	.03	.04	.02	.04	.03	.02	.02	.01	.02	.01	.01	.00	.017	23	.06
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.02
7*	.00		.00	.01	.00	.00	.00	.01	.02	.05	.05	.08	.07	.06	.06	.04	.04	.05	.06	.03	.00	.01	.00	.00	.027	23	.09
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.04	.03	.02	.02	.02	.02	.009	23	.04
9	.01		.01	.01	.00	.00	.00	.00	.01	.02	.02	.03	.04	.04	.04	.03	.02	.02	.02	.01	.00	.00	.00	.00	.014	23	.05
10	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.00	.00	.00	.008	23	.03
11	.00		.00	.00	.00	.00	.00	.00	.00	.02	.03	.04	.02		.03	.02	.03	.00	.00	.00	.00	.00	.00	.00	.008	22	.07
12	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.04	.05	.06	.01	.01	.00	.00	.00	.00	.007	23	.07
13	.00		.00	.00	.00	.00	.00	.00	.01	.02	.03	.03	.03	.03	.03	.03	.03	.03	.01	.01	.00	.00	.00	.00	.013	23	.04
14*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.05
15*	.00		.00	.00	.00	.00	.00	.00	.02	.04	.05	.06	.05	.05	.05	.05	.04	.03	.04	.02	.01	.01	.01	.00	.022	23	.07
16	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.01	.04	.00	.01	.02	.00	.00	.00	.004	23	.05
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.00	.008	23	.03
18	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
19	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.02	.02	.03	.02	.02	.01	.00	.00	.00	.00	.00	.009	23	.04
20	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.04	.04	.01	.01	.01	.00	.00	.00	.02	.00	.00	.00	.007	23	.06
21*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.00	.01		.00	.00	.01	.00	.01	.02	.00	.00	.00	.005	22	.05
22*	.00		.00	.00	.00	.00	.00	.00	.01	.04	.04	.03	.04	.05	.05	.02	.02	.04	.01	.00	.00	.00	.00	.00	.015	23	.06
23	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.01	.00	.01	.01	.01	.00	.00	.00	.004	23	.04
24	.00		.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02	.03	.02	.02	.03	.03	.01	.00	.00	.00	.00	.009	23	.04
25	.00		.00	.00	.00	.00	.00	.00	.00				.03	.04	.04	.04	.03	.03	.04	.03	.01	.01	.00	.00	.014	20	.04
26	.00		.00	.00	.00	.00	.00	.00	.00	.02	.02	.03	.02				.03	.03	.02	.01	.01	.01	.01	.01	.010	20	.04
27	.01		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01			.01	.00	.01	.01	.00	.00	.00	.00	.00	.004	21	.02
28*	.00		.00	.00	.00	.00	.00	.01	.01	.03	.03	.02	.01	.02	.01	.00	.01	.00	.00	.02	.04	.02	.00	.00	.009	23	.04
29*	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.02	.02	.01	.02	.03	.01	.00	.00	.00	.01	.00	.00	.00	.005	23	.03
30	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00						.01	.00	.00	.00	.00	.00	.00			.001	17	.02
31																											
MEAN	.00		.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.00	.00	.010		
NO.	30	2	30	30	30	30	30	30	29	27	27	27	28	25	25	29	30	30	30	30	30	30	29	29		667	
MAX	.02	.00	.01	.01	.00	.00	.00	.01	.05	.07	.06	.08	.08	.06	.06	.05	.05	.06	.06	.04	.04	.05	.03	.02	.027		.09

* Indicates Saturday or Sunday

Local standard time used

Table 3-212. AUGUST, 1962, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2																											
3																											
4*																											
5*	.00		.00	.01	.01	.02	.03	.04	.05			.05	.06	.05	.05	.06	.04	.02	.02	.03	.00	.02	.02	.02	.028	21	.07
6	.01		.00	.00	.01	.00	.00	.00	.00	.00	.02	.04	.05				.06	.06	.06	.05	.04	.04	.05	.05	.025	20	.07
7	.04	.04	.05	.04	.05	.04	.04	.04	.05	.05						.02	.00	.01	.01	.00	.00	.00	.00	.01	.025	19	.06
8	.01			.00	.00	.00	.00	.00	.00	.04	.05	.05	.05	.05	.05										.023	13	.06
9																											
10																											
11*										.00	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.00	.00	.00	.007	15	.02
12*	.00		.00	.00	.00	.00	.00	.00	.00			.03	.05	.08	.07	.10	.10	.10	.07	.06	.07	.04	.02	.01	.037	21	.12
13	.00		.00	.00	.00	.00	.00	.00	.00	.03	.04	.04	.06	.05	.05	.04	.03	.02	.03	.00	.00	.00	.00	.00	.017	23	.06
14	.00		.00	.00	.00	.00	.00	.00	.01	.04	.04	.05	.04	.04	.03	.03	.03	.02	.01	.01	.00	.00	.00	.00	.016	23	.06
15																											
16																											
17	.01		.00	.00	.00	.00	.00	.00	.00			.00	.03	.09	.07	.05	.05	.04	.03	.01	.01	.01	.00	.00	.019	21	.11
18*	.00		.01	.01	.01	.00	.00	.00	.01	.02	.02	.03	.03	.04	.04	.04	.05	.04	.02	.01	.00	.00	.00	.00	.017	23	.06
19*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.00	.00	.05	.05	.03	.03	.03	.03	.01	.012	23	.06
20	.00		.00	.02	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.07	.10	.06	.00	.00	.00	.01	.00	.00	.00	.012	23	.11
21	.00		.00	.02	.01	.00	.00	.00	.00				.01	.03	.03	.02	.03	.04	.03	.01	.01	.00	.00	.00	.011	20	.05
22	.00		.00	.00	.00	.00	.00									.02	.02	.03	.02	.01	.00	.00	.00	.00	.007	15	.03
23	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.02	.02	.02	.02	.01	.00	.00	.00	.00	.00	.005	23	.03
24	.00		.00	.00	.00	.00	.00	.00	.00	.01				.01	.02	.02	.02	.02	.00	.00	.00	.00	.00	.01	.004	20	.04
25*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.03	.04	.04	.04	.04	.01	.01	.00	.00	.01	.01	.00	.011	23	.03
26*	.00		.00	.00	.00	.00	.00							.05	.06	.05	.04	.03	.01	.00	.00	.00	.00	.00	.014	17	.06
27	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.04	.03	.03	.03	.02	.02	.03	.04			.014	21	.05
28												.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.004	13	.02
29	.00		.02	.02	.00	.01	.00	.00						.04	.04	.04	.03	.03	.02	.01	.02	.01	.00	.00	.015	18	.04
30	.00		.00	.00	.00	.00	.00	.00	.02	.03	.04	.04	.04	.04	.04	.03	.03	.03	.02	.01	.00	.00	.00	.00	.016	23	.05
31	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.05	.09	.05	.00	.01	.02	.01	.03	.012	23	.11
MEAN	.00		.00	.01	.01	.00	.00	.00	.01			.02	.03	.03	.04	.03	.03	.03	.02	.01	.01	.01	.01	.01	.015		
NO	21	1	20	21	21	21	21	19	18	15	13	17	18	20	20	21	22	22	22	22	22	22	21	21		461	
MAX	.04	.04	.05	.04	.05	.04	.04	.04	.05	.05	.05	.05	.06	.09	.07	.10	.10	.10	.07	.06	.07	.04	.05	.05	.037		.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-213. SEPTEMBER, 1962, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.03			.01	.00	.00	.01	.01	.00	.00	.00	.00	.02	.01	.00	.01	.01	.00	.04	.01	.00	.00	.00	.00	.007	22	.05
2*	.00		.00	.00	.00	.00	.00	.01	.02	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.02
3	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.03	.04	.03	.01	.02	.04	.03	.00	.010	23	.05
4	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.00	.00	.01	.01	.01	.01	.00	.00	.01	.00	.00	.006	23	.04
5	.00		.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.02	.01	.01	.00	.00	.00	.00	.00	.00	.004	23	.02
7	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.01	.03	.02	.01	.00	.00	.00	.01	.01	.00	.00	.00	.006	23	.06
8*	.00		.00	.00	.00	.00	.00	.00						.07	.08	.07	.04	.04	.02	.00	.00	.01	.00	.00	.018	18	.08
9*	.00		.00	.00	.00	.00	.00	.00	.01						.01	.03	.04	.03	.00	.00	.00	.00	.00	.00	.007	18	.05
10	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.01	.00	.00	.003	23	.02
11	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.02	.01	.02	.01	.00	.00	.00	.00	.00	.006	23	.03
12	.00		.01	.00	.00	.00	.00	.00	.00	.01	.01				.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.005	20	.03
13	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.04	.02	.03	.02	.02	.05	.02	.02	.02	.00	.00	.013	23	.06
14	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.04	.03	.01			.00	.00	.00	.00	.00	.00	.00	.005	21	.07
15*																											
16*																											
17																											
18	.00		.01	.00	.00	.00	.00	.00	.00	.00			.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	20	.02
19	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.03
20	.00		.00	.00	.00	.00	.00	.00	.00	.00				.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	20	.01
21	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
22*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.02	.02	.02	.01	.00	.00	.00	.00	.00	.00	.006	23	.03
23*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	23	.03
24	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.006	23	.04
25	.00		.00	.00	.00	.00	.00	.00				.02	.02	.02	.02	.02	.00	.00	.00	.01	.01	.01	.00	.00	.006	20	.03
26	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.02
27	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
28	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.00	.002	23	.02
29*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
30*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.03	.02	.04	.02	.00	.00	.00	.00	.00	.00	.005	23	.04
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.005		
NO	27		26	27	27	27	27	27	25	24	22	22	22	25	27	26	26	27	27	27	27	27	27	27		596	
MAX	.03		.01	.01	.00	.00	.01	.01	.02	.02	.03	.03	.04	.07	.08	.07	.04	.04	.05	.02	.02	.04	.03	.00	.018		.08

* Indicates Saturday or Sunday

Local standard time used

Table 3-214. OCTOBER, 1962 HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5 MIN MAX
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00			.02	.01	.00	.00	.00	.00	.00	.00	.002	21	.05
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.00	.00	.00	.00	.00	.003	23	.04
3	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.01	.01	.02	.01	.01	.00	.00	.00	.00	.00	.003	23	.04
4																											
5																											
6*																											
7*																											
8																											
9																											
10																											
11																											
12	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.02	.00	.00	.00	.00	.00	.01	.00	.004	24	.04
13*	.00	.01	.01	.01	.01	.00	.00	.00	.00	.01	.01	.02	.02	.02	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.007	24	.03
14*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.02	.00	.00	.00	.00	.00	.00	.01	.00	.00	.002	23	.04
15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.02	.03	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.005	24	.06
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.00	.00	.00	.04	.04	.03	.02	.02	.02	.01	.00	.00	.00	.008	24	.05
17	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.002	24	.08
18	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.004	24	.11
19	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.001	24	.05
20*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.00	.03	.06	.07	.05	.01	.00	.00	.00	.00	.00	.00	.00	.010	23	.10
21*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.03	.02	.01	.01	.01	.01	.00	.00	.00	.00	.006	24	.04
22	.00	.00	.00	.00	.00	.00	.00	.00	.00			.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	22	.03
23	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
24	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.01
25	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
26	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	24	.01
27*	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.01	.00	.003	24	.02
28*	.01	.00	.00	.00	.01	.01	.01	.01	.01				.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.003	21	.03
29	.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.02
30	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00		.00	.00	.01	.00	.00	.00	.00	.00	.01	.002	23	.01
31	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.01
MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.003		
NO	23	18	23	23	23	23	23	23	23	21	21	22	23	23	21	22	23	23	23	23	23	23	23	23		539	
MAX	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.06	.07	.05	.03	.02	.02	.02	.01	.01	.01	.01	.010		.11

* Indicates Saturday or Sunday

Local standard time used

Table 3-215. NOVEMBER, 1962. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN. MAX.
1	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
2	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
3*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	24	.01
4*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01	.00	.01	.01	.003	24	.01
5	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.008	23	.01
6	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.01
7	.01	.01	.00	.00	.00	.00	.01	.01			.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	22	.01
8	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02			.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	22	.02
9	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.010	24	.02
10*																											
11*																											
12																											
13																											
14	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	14	.01
15	.00	.01	.00	.00	.00	.00	.00	.00	.01	.00	.00		.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.009	24	.02
16	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.000	23	.01
17*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.03
18*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
19																											
20																											
21																											
22																											
23																											
24*																											
25*																											
26																											
27																											
28	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
29											.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	14	.00
30																											
MEAN											.00														.004		
NO.	15	14	15	15	15	15	15	15	14	13	16	15	15	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		375	
MAX	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	16 .01	16 .01	16 .01	16 .01	17 .01	17 .01	17 .01	17 .01	17 .02	17 .01		.015		.05

* Indicates Saturday or Sunday

Local standard time used

Table 3-216. DECEMBER, 1962. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.00			.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.01	.003	22	.01
2*	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	24	.01
3	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
5	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.01
6	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
7	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.01
9*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.01
10	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.01	.000	21	.01
11	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
12	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
13	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	24	.00
14	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.000	20	.01
15*		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
16*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
18	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
19	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
20	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
21	.00		.00	.00	.00	.00	.00								.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	16	.00
22*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
23*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
24	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
25																											
26																											
27	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
28																											
29*											.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	14	.00
30*	.00		.00	.00	.00	.00	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.009	23	.02
31	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.009	21	.02
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001		
NO	26	12	26	27	27	27	27	26	25	25	24	25	25	26	27	27	28	28	28	28	27	27	27	27		622	
MAX	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.009		.02

* Indicates Saturday or Sunday

Local standard time used

Table 3-217. JANUARY, 1963. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.00		.00	.00	.00	.00	.01	.00	.01	.00	.01	.00	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.006	23	.01
2	.01		.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.002	23	.01
3	.01		.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01			.00	.01	.00	.00	.00	.00	.00	.006	21	.01
4	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.002	23	.01
5*	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.004	23	.02
6*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
8	.00		.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	21	.01
9	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
10	.00		.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
12*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
13*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
14	.00		.00	.00	.00	.00	.00	.00	.00	.00							.00	.01	.00	.00	.00	.00	.00	.00	.000	17	.01
15	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
16	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
18	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
19*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00										.000	14	.00
20*																											
21																											
22																											
23																											
24																											
25																											
26*																											
27*																											
28	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.00
29	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
30	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.00
31	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.00
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001		
NO	23		21	23	23	23	23	23	23	23	22	21	21	21	21	20	21	22	22	22	22	22	22	22		506	
MAX	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.006		.02

* Indicates Saturday or Sunday

Local standard time used

Table 3-218. FEBRUARY, 1963. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
2*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.000	19	.00
3*	.00		.00	.00	.00	.00	.01	.00	.00	.01	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
4	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00											.000	13	.00
8																											
9*																											
10*																											
11																											
12																											
13																											
14																											
15																											
16*																											
17*																											
18																											
19																											
20																											
21																											
22																											
23*																											
24*																											
25																											
26																											
27																											
28																											
MEAN	7		7	7	7	7	7	7	7	7	7	7	7	6	5	5	5	6	6	6	6	6	6	6	.002	147	.01
NO	.00		.00	.00	.00	.00	.01	.00	.00	.01	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00			
MAX																											

* Indicates Saturday or Sunday

Local standard time used

Table 3-219. APRIL, 1963. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1																											
2																											
3																											
4	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.01	.03	.00	.00	.00	.00	.00	.00	.00	.009	13	.04
5	.01	.01	.01	.00	.00	.00	.00	.01	.00	.01		.01	.01	.01		.00	.00	.01	.01	.01	.01	.01	.00	.01	.004	23	.02
6*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00		.01	.00	.00	.00	.00	.00	.01	.00	.00	.004	20	.01
7*	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.01	.00	.01	.01	.00	.00	.01	.00	.003	23	.03
8	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.02	.03	.02	.02	.01	.01	.01	.00	.005	23	.04
9	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02		.03	.02	.02	.01	.01	.00	.00	.00	.00	.007	23	.04
10	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.001	23	.01
11	.01	.01	.00	.01	.01	.01	.00	.01	.00	.00	.00	.01	.01	.01	.01	.00	.01	.01	.01	.00	.00	.00	.00	.01	.006	24	.02
12																											
13*																									.006	15	.03
14*	.00		.00	.00	.00	.00	.00	.00	.01	.03	.04	.03	.04	.04	.04	.04	.03	.03	.01	.01	.01	.01	.01	.00	.023	13	.05
15	.00		.00	.00	.00	.00	.00	.01	.01	.02	.03	.04	.04	.04	.04	.04	.04	.04	.02	.00	.00	.00	.02	.01	.020	23	.05
16	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.04	.05	.05	.04	.02	.03	.00	.00	.00	.00	.00	.00	.014	23	.05
17	.00		.03	.00	.01	.00	.00	.00	.00	.01	.03	.02	.00	.01	.02	.02	.01	.00	.00	.00	.00	.00	.00	.00	.013	23	.07
18	.00			.00	.00	.00	.00	.00	.00	.00	.01	.03	.04	.04	.03	.03	.02	.02	.01	.00	.00	.00	.00	.00	.006	23	.04
19	.00		.01	.00	.00	.00	.00	.00	.00	.00	.01	.03	.07	.06	.06	.06	.05	.02	.01	.00	.00	.00	.00	.00	.011	22	.05
20*	.00			.00	.00	.03	.02	.03	.03	.00	.01	.04	.04	.04	.04	.04	.04	.05	.01	.01	.00	.00	.00	.00	.017	23	.08
21*	.01		.01	.00	.00	.00	.00	.00	.00	.00	.02	.05	.04	.03	.07	.08	.07	.06	.05	.05	.00	.00	.01	.01	.025	22	.06
22																											
23																											
24																											
25	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.03	.03	.02	.03	.01	.01	.00	.00	.00	.00	.00	.024	23	.09
26	.00		.00	.00	.00	.00	.00	.00	.01	.02	.03	.03	.03	.03	.02	.02	.01	.01	.01	.02	.00	.01	.01	.01	.010	23	.05
27*	.00		.00	.00	.00	.00	.00	.00	.02	.02	.02	.03	.03	.04	.04	.03	.02	.02	.02	.01	.00	.00	.00	.00	.013	23	.05
28*	.00			.00	.00	.00	.00	.02	.04	.04	.05	.05	.06	.06	.05	.03	.03	.05	.02	.01	.00	.01	.00	.00	.024	22	.07
29	.00		.00	.00	.00	.00	.00	.00	.02	.04	.04	.04	.04	.03	.03	.02	.01	.02	.01	.00	.00	.01	.00	.00	.014	23	.05
30	.00	.02	.02			.00	.00	.00									.00	.01	.00	.00	.00	.00	.00	.00	.004	14	.03
MEAN	.00		.01	.00	.00	.00	.00	.00	.01	.01	.02	.02	.03	.03	.03	.03	.02	.02	.01	.01	.00	.00	.00	.00	.011		
NO	22	9	19	21	21	22	22	22	21	21	20	23	22	22	17	22	23	23	23	23	23	23	23	23		510	
MAX	.01	.02	.03	.01	.01	.03	.02	.03	.04	.04	.05	.05	.07	.06	.07	.08	.07	.06	.05	.05	.01	.01	.02	.01	.025		.09

* Indicates Saturday or Sunday

Local standard time used

Table 3-220. MAY, 1963, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.01	.01	.002	23	.02
2	.00		.01	.01	.00	.00	.00	.01	.01		.02	.02	.04	.04	.03	.02	.02	.02	.00	.00	.00	.00	.00	.00	.011	22	.05
3	.00		.00	.00	.00	.00	.00	.01	.02	.02	.02	.05	.03	.03	.04	.02	.00	.01	.02	.01	.00	.00	.00	.00	.012	23	.06
4*	.00		.00	.00	.00	.00	.00	.00	.01	.07	.05	.05	.06	.06	.07	.08	.06	.04	.00	.00	.00	.00	.00	.00	.024	23	.13
5*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.08	.08	.03	.04	.02	.00	.01	.01	.01	.01	.015	23	.12
6	.00		.00	.00	.00	.00	.00	.00	.00				.00	.02		.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	19	.03
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.03	.03	.03	.03	.00	.00	.00	.00	.00	.007	23	.05
8	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.04
9	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.04	.04	.03	.03	.05	.05	.02	.01	.03	.02	.00	.00	.014	23	.06
10	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.06	.02	.00	.01	.01	.01	.01	.01	.01	.00	.00	.00	.006	23	.06
11*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.003	23	.02
12*	.00		.00	.00	.00	.00	.00	.00	.02	.02	.03	.03	.04	.04	.03	.04	.03	.03	.01	.00	.01				.017	20	.05
13			.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.02	.02	.01	.01	.03	.02	.02	.01	.01	.02	.02	.02	.010	22	.04
14	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.001	23	.02
15	.00		.01	.01	.00	.00	.00	.00	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.01	.01	.00	.00	.00	.00	.012	23	.04
16	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.04	.05	.05	.03	.03	.06	.04	.03	.00	.00	.00	.015	23	.07
17	.00		.00	.00	.00	.00	.00	.00	.00			.02	.05	.05	.05	.04	.04	.03	.00	.00	.00	.00	.00	.01	.013	21	.06
18*	.01		.02	.03	.03	.03	.02	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.02	.03	.01	.01	.01	.00	.00	.012	23	.04
19*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.03	.04	.05	.04	.04	.02	.04	.02	.01	.00	.01	.01	.00	.02	.014	23	.06
20	.02		.03	.03	.03	.03	.02	.00	.00	.00	.01	.01	.02	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.009	23	.05
21	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.01	.01	.00	.00	.00	.00	.002	23	.03
22	.00		.00	.00	.00	.00	.00	.00	.01	.02	.03	.04	.04	.02	.03	.04	.04	.04	.03	.01	.00	.00	.00	.01	.015	23	.05
23	.01		.02	.03	.01	.00	.01	.01	.02	.02	.02			.02	.02	.02	.01	.01	.01	.00	.00	.01	.01	.01	.012	21	.04
24	.01		.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.00	.00	.00	.01	.00	.00	.00	.00	.01	.00	.002	23	.03
25*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.05	.07	.07	.07	.05	.04	.02	.02	.01	.01	.01	.019	23	.09
26*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.02
27																											
28																											
29																											
30	.00		.00	.00	.00	.00	.00	.02	.04	.05	.06	.07	.06	.07	.07	.07	.06	.06	.04	.01	.01	.00	.00	.00	.030	23	.08
31	.01		.01	.02	.01	.00	.00	.01	.02	.03	.05	.05	.02	.04	.04	.06	.04	.08	.03	.04	.02	.01	.00	.00	.025	23	.12
MEAN	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.03	.03	.02	.02	.01	.01	.01	.00	.00	.00	.011		
NO	27		28	28	28	28	28	28	28	25	26	26	27	28	27	28	28	28	28	28	28	27	27	27		631	
MAX	.02		.03	.03	.03	.03	.02	.02	.04	.07	.06	.07	.06	.07	.08	.08	.07	.08	.06	.04	.03	.02	.02	.02	.030		.13

* Indicates Saturday or Sunday

Local standard time used

Table 3-221. JUNE, 1963, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)
Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1*	.01			.00	.00	.00	.00	.00	.00	.01	.03	.07	.09	.07	.07	.07	.07	.07	.05	.05	.04	.02	.01	.00	.033	22	.11
2*	.01		.00	.00	.00	.00	.00	.00	.00	.02	.04	.04	.04	.03	.02	.02	.03	.03	.04	.03	.01	.01	.01	.00	.016	23	.05
3	.00		.00	.00	.00	.00	.00							.00	.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.002	17	.01
4	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.03	.03	.04	.03	.02	.02	.01	.01	.00	.00	.00	.00	.009	23	.04
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.03			.03	.02	.01	.04	.01	.00	.00	.00	.00	.008	21	.05
6	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.03				.04	.04	.06	.05	.04	.02	.01	.00	.00	.017	20	.08
7	.00		.00	.00	.00	.00	.00	.00	.00	.02	.03	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.06
8*	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.002	22	.02
9*																											
10																											
11																											
12																											
13																											
14	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.001	23	.02
15*	.00		.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.02	.01	.02	.02	.02	.01	.00	.00	.00	.00	.007	23	.03
16*	.00		.00	.00	.00	.00	.00	.01	.02	.03	.03	.04	.05	.05	.04	.02	.00	.00	.00	.00	.00	.00	.00	.00	.012	23	.06
17	.00		.00	.00	.00	.00	.00	.00	.01	.04		.01	.07	.08	.06	.03	.01	.05	.06	.04	.03	.00	.00	.00	.022	22	.11
18	.00		.00	.00	.00	.00	.00	.00	.02	.03	.04	.07	.07	.08	.06	.05	.05	.04	.03	.01	.01	.00	.00	.00	.024	23	.10
19	.00		.00	.00	.00	.00	.00	.00	.01	.05	.03	.01	.01	.05	.08	.07	.09	.09	.07	.05	.03	.02	.02	.02	.030	23	.10
20	.02		.01	.00	.00	.00	.00	.01	.00	.02	.02	.01	.03	.04	.05	.05	.04	.03	.02	.01	.00	.00	.00	.00	.014	23	.07
21	.00			.01	.01	.01	.01	.00	.00	.01	.01	.02	.02	.02	.02	.02	.01	.02	.01	.00	.00	.00	.00	.00	.008	22	.03
22*	.00		.00	.00	.00	.00	.01	.02	.02	.02	.03	.03	.04	.03	.04	.04	.05	.04	.04	.03	.02	.02	.01	.01	.021	23	.06
23*	.01		.00	.00	.00	.00	.00	.01	.01	.03	.05	.05	.06	.07	.07	.07	.06	.05	.04	.01	.01	.00	.00	.01	.026	23	.08
24	.01		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00				.11	.06	.03	.01	.00	.01	.00	.012	20	.13
25	.00		.00	.00	.00	.00	.00	.00	.00	.00	.04	.06	.07	.08	.06	.07	.07	.08	.06	.03	.01	.00	.01	.01	.028	23	.09
26	.00		.00	.00	.00	.00	.00	.00	.01	.07	.08	.09	.08	.09	.07	.07	.09	.09	.01	.06	.10	.06	.06	.04	.047	23	.12
27	.03		.03	.02	.01	.01	.01	.02	.05											.11	.07	.03	.02	.00	.031	13	.13
28	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.01	.00	.01	.00	.00	.00	.00	.00	.001	19	.02
29*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.03
30*	.00		.00	.00	.00	.00	.00	.00	.00	.02	.05	.07	.09	.08	.06	.07	.06	.06	.02	.00	.00	.00	.00	.00	.026	23	.12
MEAN	.00		.00	.00	.00	.00	.00	.00	.01	.02	.02	.03	.04	.04	.04	.03	.03	.04	.03	.02	.01	.01	.01	.00	.016		
NO.	25		22	25	25	25	25	24	24	23	22	22	21	21	20	23	23	24	24	25	25	25	25	25		543	
MAX	.03		.03	.02	.01	.01	.01	.02	.05	.07	.08	.09	.09	.09	.08	.07	.09	.11	.07	.11	.10	.06	.06	.04	.047		.13

* Indicates Saturday or Sunday
Local standard time used

Table 22. JULY, 1963, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.01		.01	.01	.01	.01	.01	.00	.01	.04	.06	.08	.08	.08	.09	.06	.07	.07	.05	.02	.01				.038	20	.10
2											.04	.05	.04	.02	.08	.08	.05	.03	.07	.04	.01	.04	.03	.02	.042	14	.10
3	.01		.02	.01	.00	.00	.00	.00	.00	.01	.03	.04	.03	.03	.02	.02	.02	.03	.02	.03	.02	.02	.00	.00	.016	23	.04
4	.00		.00	.00	.01	.00	.01	.01	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.04	.02	.01	.00	.00	.00	.019	23	.05
5	.00		.00	.00	.00	.00	.00	.00	.02	.02	.02	.03	.03	.03	.03	.02	.02	.03	.03	.02	.01	.01	.02	.01	.016	23	.05
6*	.00		.00	.00	.00	.00	.00	.00	.01	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.01	.00	.01	.00	.00	.018	23	.05
7*	.00		.00	.00	.00	.00	.00	.03	.05	.06	.07	.06	.05	.02	.02	.04	.05	.05	.06	.04	.05	.05	.05	.05	.034	23	.07
8	.01		.00	.02	.02	.00	.00	.00	.00	.00	.00	.00	.00	.01	.05	.03	.02	.02	.03	.01	.00	.00	.00	.02	.010	23	.06
9	.02		.03	.02	.01	.00	.00	.01	.02	.02	.02	.03	.03	.04	.05	.03	.03	.03	.03	.01	.00	.00	.00	.00	.018	23	.06
10	.00		.00	.00	.00	.00	.00	.00	.00	.02	.02	.03	.03	.04	.04	.03	.03	.03	.02	.02	.01	.00	.03	.02	.016	23	.06
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.05	.04	.05	.04	.02	.03	.02	.01	.00	.01	.00	.00	.00	.011	23	.07
12	.00		.00	.00	.00	.00	.00	.00	.00				.05	.04	.04	.07	.06	.07	.07	.04	.04	.04	.05	.03	.031	20	.09
13*	.02		.02	.00	.00	.00	.00	.01	.02	.03	.03	.04	.05	.04	.05	.04	.03	.03	.00	.00	.00	.00	.00	.00	.017	23	.06
14*	.00		.00	.00	.00	.00	.00	.01	.01	.00	.00	.02	.05	.05		.05	.05	.05	.04	.04	.02	.00	.00	.00	.017	22	.06
15	.00		.00	.00	.00	.00	.00	.01	.01	.02	.03	.04	.03	.04	.03	.04	.05	.05	.04	.03	.00	.00	.00	.00	.018	23	.06
16	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.02	.02	.03	.08	.00	.01	.01	.00	.01	.02	.010	23	.10
17	.01		.00	.00	.00	.00	.00	.00	.00	.01	.04	.01	.03	.00	.03	.01	.01	.01	.00	.05	.04	.00	.00	.00	.011	23	.08
18	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.06	.06	.06	.04	.03	.02	.02	.01	.015	23	.08
19	.00		.01	.00	.00	.00	.00	.00	.02	.06	.06		.04	.07	.03	.01	.01	.00	.00	.00	.00	.00	.00	.00	.014	22	.08
20*	.00		.02	.03	.03	.02	.02	.02	.02	.03	.03	.03	.02	.01	.05	.04	.02	.05	.01	.01	.01	.00	.00	.00	.020	23	.08
21*	.00		.01	.01	.00	.00	.00	.01	.02	.02	.04	.05	.05	.05	.03	.01	.03	.04	.05	.02	.01	.00	.00	.00	.019	23	.06
22	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.02	.01	.02	.03	.04	.02	.02	.01	.00	.01	.00	.008	23	.07
23	.01		.00	.00	.00	.00	.00	.00	.01	.00	.00	.02	.01	.02	.01	.00	.01	.05	.08	.01	.02	.01	.00	.00	.011	23	.09
24	.00		.00	.00	.00	.00	.00	.00	.03	.07	.06	.08	.05	.06	.08	.04	.05	.09	.08	.05	.04	.02	.00	.00	.034	23	.11
25	.00		.00	.00	.00	.00	.00	.00	.03	.08	.10	.07	.08	.07	.08	.04	.01	.01	.05	.06	.05	.01	.00	.00	.032	23	.11
26	.00		.01	.01	.00	.00	.00	.01	.03	.02	.04	.08	.08	.08	.09	.07	.01	.00	.03	.02	.00	.00	.00	.00	.025	23	.10
27*	.00		.00	.00	.00	.00	.00	.00	.00	.02	.09	.10	.11	.11	.11	.10	.11	.07	.03	.02	.01	.01	.01	.00	.039	23	.12
28*	.00			.00	.00	.00	.00	.00	.00	.01	.02	.06	.08	.03	.03	.07	.04	.02	.03	.01	.00	.00	.00	.00	.017	22	.08
29	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.05	.06	.05	.06	.06	.04	.04	.02	.00	.00	.00	.019	23	.06
30	.00		.00	.00	.00	.00	.00	.00	.00	.02	.03	.03	.03	.03	.03	.03	.04	.04	.03	.00	.01	.00	.00	.00	.013	23	.05
31	.01		.01	.00	.00	.00	.00	.00	.00	.00		.00	.01	.02	.00	.02	.04	.01	.05	.05	.04	.02	.01	.01	.013	22	.07
MEAN	.00		.00	.00	.00	.00	.00	.00	.01	.02	.03	.04	.04	.04	.04	.04	.04	.04	.03	.02	.01	.01	.01	.01	.020		
NO	30		29	30	30	30	30	30	30	29	29	29	31	31	30	31	31	31	31	31	31	30	30	30		694	
MAX	.02		.03	.03	.03	.02	.02	.03	.05	.08	.10	.10	.11	.11	.11	.10	.11	.09	.08	.06	.05	.05	.05	.05	.042		.12

* Indicates Saturday or Sunday

Local standard time used

Table 3-223. AUGUST, 1963, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX.
1	.00		.00	.00	.00	.01	.00	.01									.01	.00	.01	.01	.00	.00	.00	.00	.003	15	.04
2	.00		.01	.01	.01	.01	.01	.01			.02	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.00	.00	.00	.013	21	.04
3*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.00	.04	.07	.05	.04	.03	.00	.00	.00	.00	.011	23	.08
4*	.00		.00	.00	.00	.00	.01	.01	.02		.05	.06	.05	.05	.04	.04	.04	.03	.02	.03	.03	.01	.01	.02	.023	22	.06
5	.01		.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.02	.03	.03	.02	.02	.02	.01	.00	.00	.00	.00	.00	.009	23	.04
6	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.04	.04	.05	.05	.05	.05	.05	.05	.03	.01	.01	.00	.00	.019	23	.07
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.05	.04	.05	.04	.03	.00	.00	.00	.00	.00	.00	.00	.00	.00	.010	23	.08
8	.00		.00	.00	.00	.00	.00	.00	.00	.03	.05	.05	.06	.06	.05	.05	.04	.05	.04	.02	.01	.00	.00	.00	.023	23	.07
9	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.04	.04	.04	.02	.00	.00	.00	.00	.01	.006	23	.07
10*	.00		.02	.03	.02	.01	.01	.00	.01	.02	.02	.02	.03	.03					.04	.03	.01	.03	.00	.00	.017	19	.05
11*	.00		.00	.00	.00	.00	.00	.00	.00				.09	.10	.09	.07	.07	.06	.06	.03	.00	.00	.00	.00	.028	20	.11
12																											
13																											
14	.00		.01	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.02	.01	.00	.00	.00	.00	.00	.006	23	.02
15	.00		.00	.01	.00	.00	.00	.00	.00	.01	.01	.03	.03	.03	.03	.03	.03	.03	.03	.01	.01	.01	.01	.01	.013	23	.05
16	.02		.01	.00	.00	.00	.00	.00	.02	.02	.02	.04	.06	.06	.06	.05	.03	.02	.00	.02	.01	.02	.00	.00	.019	23	.08
17*	.00		.00	.00	.00	.01	.01	.04	.04	.04	.06	.06	.07	.07	.07	.05	.07	.06	.03	.03	.02	.01	.02	.02	.034	23	.08
18*	.00		.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.03	.04	.04	.04	.04	.03	.02	.01	.00	.00	.00	.00	.014	23	.05
19	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.03	.04	.05	.06	.04	.03	.02	.00	.01	.00	.00	.00	.00	.013	23	.06
20	.00		.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.001	23	.02
21	.01		.01	.01	.00	.00	.00	.00	.00	.02	.02	.03	.02	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.006	23	.06
22	.00		.00	.00	.00	.00	.00	.00			.00	.02	.00	.00	.02	.01	.01	.01	.00	.00	.01	.00	.00	.00	.004	21	.05
23	.00		.00	.00	.00	.00	.00	.00	.00	.01	.04	.04	.05	.06	.05	.05	.05	.07	.05	.04	.01	.02	.01	.01	.024	23	.08
24*	.01		.00	.00	.01	.01	.00	.01	.00	.02	.04	.04	.05	.04	.03	.02	.01	.00	.00	.01	.01	.01	.01	.00	.013	23	.06
25*	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02	.03	.03	.02	.01	.00	.00	.00	.00	.00	.008	23	.03
26	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.04	.04	.04	.04	.02	.02	.01	.00	.00	.00	.01	.00	.010	23	.06
27	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.04	.03	.03	.03	.00	.03	.02	.00	.01	.00	.00	.00	.010	23	.05
28	.00		.00	.02	.03	.00	.00	.00	.00	.00	.00	.04	.05	.06	.06	.06	.05	.04	.03	.01	.01	.02	.04	.04	.023	23	.07
29	.04		.00	.00	.01	.02	.01	.01	.03	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.04
30	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.03	.05	.05	.05	.05	.05	.04	.03	.02	.01	.01	.01	.01	.017	23	.07
31*	.01		.00	.00	.00	.00	.00	.00	.01	.01	.04	.04	.04	.04	.04	.03	.03	.03	.01	.00	.00	.00	.00	.00	.014	23	.05
MEAN	.00		.00	.00	.00	.00	.00	.00	.01	.01	.02	.03	.03	.04	.03	.03	.03	.03	.02	.01	.01	.01	.00	.00	.014		
NO.	29		29	29	29	29	29	29	26	24	27	27	28	28	27	27	28	28	29	29	29	29	29	29		647	
MAX	.04		.02	.03	.03	.02	.01	.04	.04	.04	.06	.06	.09	.10	.09	.08	.07	.07	.06	.04	.03	.03	.04	.04	.034		.11

* Indicates Saturday or Sunday

Local standard time used

Table 3-224. SEPTEMBER, 1963, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.00		.00	.00	.00	.00	.00	.00	.00	.02	.02	.03	.03	.03	.03	.04	.03	.03	.02	.01	.00	.00	.00	.00	.012	23	.04
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.04	.05	.05	.03	.02	.01	.00	.02	.02	.02	.03	.02	.014	23	.06
3	.00		.00	.00	.01	.03	.02	.00	.01	.00	.00	.00	.03	.04	.03	.03	.03	.02	.01	.01	.01	.01	.00	.01	.013	23	.04
4	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.01	.02	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.005	23	.03
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.00
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
7*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.03	.03	.02	.01	.02	.02	.01	.01	.00	.01	.00	.00	.00	.007	23	.06
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.02	.02	.02	.04	.03	.02	.02	.02	.03	.01	.00	.00	.010	23	.04
9	.00			.00	.00	.00	.00	.00	.01	.05	.05	.05	.06	.06	.05	.04	.04	.04	.02	.01	.00	.00	.00	.00	.021	22	.08
10	.00		.00	.00	.00	.00	.00	.00	.00	.01	.03	.03	.03	.02	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.008	23	.04
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.03	.04	.03	.03	.02	.01	.00	.00	.01	.02	.010	23	.05
12	.02		.02	.02	.02	.02	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.00	.00	.00	.007	23	.03
13	.00		.00	.00	.01	.01	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.004	23	.02
14*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.02	.02	.02	.01	.00	.00	.00	.00	.004	23	.03
15*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.000	23	.01
16	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
17	.00		.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
18	.00		.00	.00	.00	.01	.01	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.01
19	.00		.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.03	.02	.02	.03	.03	.02	.01	.01	.00	.00	.00	.00	.008	23	.04
20	.00		.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.03	.01	.01	.03	.01	.01	.01	.02	.01	.00	.00	.01	.007	23	.06
21*	.01		.01	.01	.00	.01	.00	.00	.00									.00	.01	.01	.01	.01	.02	.02	.007	15	.03
22*																											
23																											
24																											
25																											
26	.00		.00	.00	.00	.01	.01	.00	.00	.01	.01	.01	.01	.03	.01										.006	14	.05
27			.00	.00	.01	.01	.01		.01	.01	.05	.05	.05	.05	.04	.03	.02	.00				.00	.00		.020	17	.07
28*	.00		.00	.00	.00	.00	.00	.00	.01	.03	.05	.05	.09	.09	.06	.04	.01	.03	.02	.05	.06	.05	.05	.06	.032	23	.10
29*	.07		.04	.06	.06	.04	.02	.02	.03	.01	.01	.00	.01	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.024	23	.08
30																											
MEAN	.00		.00	.00	.00	.01	.00	.00	.00	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.009		
NO	24		24	25	25	25	25	24	25	23	24	24	23	23	24	23	23	24	23	23	23	23	24	24		548	
MAX	.07		.04	.06	.06	.04	.02	.02	.03	.05	.05	.05	.09	.09	.06	.04	.04	.04	.02	.05	.06	.05	.05	.06	.032		.10

* Indicates Saturday or Sunday

Local standard time used

Table 3-225. OCTOBER, 1963, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1																											
2	.02		.02	.02	.02	.02	.02	.01		.01	.01	.01	.01	.01	.01	.00	.01	.00	.02	.01	.00	.00	.01	.01	.011	22	.03
3	.02		.02	.02	.02	.02	.02	.01	.01	.00	.00	.00	.01	.01	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.009	23	.03
4	.01		.03	.03	.03	.03	.03	.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.00	.01	.01	.015	23	.03
5*																											
6*																											
7																											
8																											
9	.01		.01	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.006	23	.03
10	.00		.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.01	.00	.00	.00	.00	.002	23	.03
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
12*	.00		.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.006	23	.02
13*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.02
14	.00		.00	.01	.01	.01	.01	.01	.01	.00	.00	.02	.02	.02	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.008	23	.03
15	.00		.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.004	23	.03
16	.00		.00	.00	.00	.00	.00			.00	.00	.01	.01	.02	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.003	21	.03
17																											
18	.00				.00	.00	.01	.00	.00	.01	.00		.00	.00	.00	.00	.00	.01	.00	.00	.01	.01	.01	.01	.003	20	.01
19*	.01		.01	.01	.01	.01	.01	.01	.01	.00	.01	.00	.00	.01	.02	.01	.00	.00			.00	.00	.00	.00	.005	21	.03
20*	.00		.00	.00	.00	.00	.00	.00	.01	.00	.01	.02	.00	.00	.00	.00	.01	.00	.01	.01	.00	.01	.01	.01	.004	23	.03
21	.01		.00	.01	.01	.01	.01	.01	.01	.01	.01	.04	.05	.06	.05	.02	.01	.00	.00	.00	.00	.00	.01	.00	.014	23	.07
22	.00		.00	.00	.01	.01	.00	.01	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.002	23	.01
23											.00	.03	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.006	14	.06
24																											
25	.00		.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.00	.01	.01	.01	.01	.01	.005	23	.01
26*	.01		.01	.01	.00	.01	.00	.00	.00	.01					.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.006	19	.03
27*																											
28																											
29																											
30																											
31	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
MEAN	.00		.01	.01	.01	.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.006		
NO.	19		18	18	19	19	19	18	17	19	19	18	19	19	20	20	20	20	19	19	20	20	20	20		439	
MAX	.02		.03	.03	.03	.03	.03	.01	.01	.01	.02	.04	.05	.06	.05	.02	.02	.01	.02	.01	.01	.01	.01	.01	.015		.07

* Indicates Saturday or Sunday

Local standard time used

Table 3-226. NOVEMBER, 1963, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX.
1	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
2*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
3*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
4	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.02
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.00
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
8	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
9*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
10*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
12	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
13	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
14	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
15	.00		.00	.00	.00	.00	.00	.00	.00	.00					.00	.01	.01	.01						.00	.002	14	.01
16*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
17*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.002	22	.01
18	.01		.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
19	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
20	.00		.00	.00	.00	.00	.00	.00	.00	.00		.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	22	.01
21	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
22																											
23*												.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007	13	.01
24*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.004	23	.02
25	.00		.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
26	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
27	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.005	23	.02
28	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.005	23	.01
29	.01		.01	.01	.02	.01	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	23	.02
30*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001		
NO	28		28	28	28	28	28	28	28	28	26	27	28	27	29	29	29	29	28	28	28	28	28	29		645	
MAX	.01		.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.007		.02

* Indicates Saturday or Sunday

Local standard time used

Table 3-227. DECEMBER, 1963. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.00		.00	.01	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
3	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
4	.00		.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.00
5	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
6	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
7*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.01	.01	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.002	23	.03
9	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
10	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.00
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
12	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
13	.00			.00	.00	.00	.00	.00	.01	.01	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	21	.01
14*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
15*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
16	.00		.00	.00	.00	.00	.00	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	22	.01
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.01
18																											
19																											
20																											
21*										.00	.00	.03	.02	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	15	.03
22*																											
23												.02	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.006	13	.03
24																											
25	.00		.01	.00	.00	.01	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.002	23	.01
26	.01		.00	.00	.00	.00	.00	.00	.01	.01	.03		.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.005	22	.03
27	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.001	21	.02
28*											.02	.02	.02	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.007	14	.02
29*	.00		.00	.01	.00	.00	.00	.00	.00	.01	.02	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
30	.00		.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.005	23	.03
31	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01										.003	14	.02
MEAN	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001		
NO	23		22	23	23	23	23	23	23	23	24	23	26	26	26	25	25	25	25	25	25	25	24	24		554	
MAX	.01		.01	.01	.00	.01	.00	.00	.01	.01	.03	.03	.02	.02	.01	.01	.01	.00	.00	.01	.00	.00	.00	.01	.007		.03

* Indicates Saturday or Sunday

Local standard time used

Table 3-228. JANUARY, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2																											
3	.00		.00	.00	.00	.00	.00	.00	.00			.01	.01	.01	.01	.04	.04	.05	.05	.05	.04	.06	.05	.07	.026	17	.07
4*	.07		.02	.02	.02	.02	.02	.02					.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	20	.08
5*	.01		.01	.01	.01	.01	.00	.00	.01	.00	.01	.01	.02	.02	.02	.02	.00	.01	.01	.00	.02	.01	.01	.02	.009	23	.03
6	.03		.01	.01	.01	.00	.00										.01	.00	.00	.01	.01	.01	.01	.01	.008	14	.03
7	.01		.01	.01	.01	.01	.01	.02	.03	.02	.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.01	.00	.01	.01	.011	23	.04
8	.01		.01	.00	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.006	23	.03
9																											
10																											
11*																											
12*																											
13																											
14																											
15	.00		.00	.00	.00	.00	.00	.00	.00		.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.01
16	.00		.00	.00	.00	.00	.00	.00	.00	.00		.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
17	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.01			.01	.00	.00	.00	.00	.00	.00	.001	21	.04
18*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	20	.04
19*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.003	23	.03
20	.01		.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.03	.02	.03	.03	.05	.03	.02	.02	.02	.01	.01	.01	.014	23	.07
21	.01		.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.008	23	.02
22																											
23																											
24																											
25*	.01		.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.00	.01	.01	.00	.00	.00	.018	23	.04
26*	.01		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.00	.01	.01	.01	.00	.00	.00	.00	.00	.00	.001	22	.02
27																											
28																											
29	.01		.00	.01	.01	.00	.00	.00	.00	.01	.00			.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.003	21	.03
30	.00		.00	.00	.01	.01	.00	.01	.01	.00	.00	.01	.02	.02	.02	.02	.01	.01	.02	.02	.01	.01	.01	.00	.010	23	.04
31	.01		.01	.01	.01	.00	.00	.02	.02	.01	.02	.02	.01	.01			.01	.01	.01	.01	.01	.02	.01	.01	.011	21	.04
MEAN	.01		.01	.01	.01	.01	.00	.01	.01								.01	.01	.01	.01	.01	.01	.01	.01	.008		
NO	18		18	18	18	18	18	17	16	14	14	14	12	14	14	15	17	18	18	18	18	18	18	18		381	
MAX	.07		.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.02	.03	.04	.05	.05	.05	.05	.04	.06	.05	.07	.026		.08

* Indicates Saturday or Sunday

Local standard time used

Table 3-229. FEBRUARY, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1*	.02		.00	.02	.01	.02	.02	.03	.03	.09	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.03	.03	.03	.02	.026	23	.08
2*	.02		.01	.01	.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.03	.03	.02	.02	.02	.03	.02	.01	.022	23	.06
3	.02		.02	.03	.03	.02	.03	.03	.03								.01	.01	.01	.01	.01	.00	.00	.00	.016	16	.04
4	.00		.00	.00	.00	.00	.01	.01	.00	.01		.00	.00								.00	.00	.00	.00	.002	15	.01
5	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.02				.01	.01	.02	.02	.03	.04	.03	.011	20	.10
6	.03		.00	.00	.00	.00	.00	.01	.01	.01	.01	.00	.00	.00			.03	.02	.02	.01	.01	.01	.01	.01	.008	21	.06
7	.01		.01	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.00	.00	.00	.01	.01	.01	.01	.006	23	.02
8*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	23	.01
9*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01			.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.001	21	.01
10	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00					.00	.00	.00	.00	.00	.00	.00	.000	19	.00
11	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.00
12	.00			.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.001	22	.01
13	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00				.00	.00	.00	.00	.00	.00	.00	.000	20	.01
14	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.003	21	.02
15*																											
16*																											
17																											
18										.01	.02	.02	.01	.01			.01	.02	.02	.02	.02	.02	.02	.02	.015	13	.02
19	.01		.02	.02	.02	.02	.01	.01	.02	.02							.02	.02	.02	.02	.02	.02	.02	.01	.018	17	.03
20	.01		.02	.03	.03	.02	.01	.01	.02		.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.016	22	.04
21	.01		.00	.01	.00	.00	.00	.00			.01	.01	.02	.02			.01	.01	.00	.01	.00	.01	.01	.01	.007	19	.03
22*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.005	23	.03
23*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.02	.02	.02	.02	.03	.03	.02	.01	.01	.00	.00	.00	.00	.009	23	.04
24	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.00	.00	.00	.005	23	.03
25	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.004	23	.02
26	.02		.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.02	.01	.008	23	.03
27	.02		.01	.01	.00	.00	.00	.01	.01	.02	.02	.02				.02	.01	.00	.00	.00	.00	.00	.00	.00	.006	20	.03
28	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.02	.02	.01	.00	.00	.01	.00	.01	.01	.01	.02	.01	.02	.007	23	.04
29*	.02		.03	.03	.01	.01	.01	.00	.01	.02	.02										.00	.00	.00	.00	.011	14	.03
MEAN	.01		.01	.01	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.008		
NO	25		24	25	25	25	25	25	24	23	23	21	20	20	15	15	20	24	24	24	26	26	26	26		531	
MAX	.03		.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.04	.03	.03	.03	.03	.04	.03	.026		.10

* Indicates Saturday or Sunday

Local standard time used

Table 3-230. MARCH, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO. OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.02
2	.00		.00	.00	.00	.00	.00	.00	.00	.01	.02	.03	.04			.03	.02	.02	.03	.04	.03	.02	.02	.02	.016	21	.06
3	.02		.02	.02	.02	.02	.03	.03	.04	.03				.02				.02	.02	.02	.04	.05	.06	.05	.028	17	.08
4	.04		.05	.07	.06	.06	.06	.04	.03	.02	.03	.04	.03	.02	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.031	23	.08
5	.02		.02	.01	.01	.01	.01	.01	.01	.01	.02		.02	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.014	22	.03
6	.01		.03	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02			.02	.02	.01	.02	.02	.01	.01	.02	.017	21	.05
7*	.02		.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02			.021	21	.05
8*										.02															.014	15	.03
9										.03	.02	.01	.02	.03	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.017	18	.05
10	.01		.01	.01	.02	.03	.02	.03	.04							.01	.01	.01	.01	.02	.01	.01	.01	.01			
11	.01		.03	.02	.02	.02	.01	.01	.02	.01	.02	.02				.02	.02	.01	.01	.01	.00	.01	.01	.00	.012	20	.03
12	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01	.01	.01	.01	.00	.00	.01	.007	23	.06
13																											
14*																											
15*																											
16											.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.024	14	.04
17	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.024	23	.04
18	.03		.03	.03	.02	.02	.01	.02	.02			.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.01	.02	.02	.020	21	.03
19	.02		.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.018	23	.03
20	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04			.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	21	.04
21*	.02		.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.03			.03	.02	.02	.02	.02	.02	.02	.02	.023	21	.03
22*	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.04				.05	.05	.03	.03	.02	.03	.02	.02	.02	.028	20	.06
23	.02		.02	.02	.02	.02	.02	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.025	23	.05
24	.02		.03	.03	.03	.04	.04	.05	.03	.04	.04	.05	.05	.05	.05	.05	.05	.04	.03	.03	.02	.03	.03	.03	.036	23	.07
25	.03		.02	.02	.02	.02	.03	.02	.03	.03	.03	.02	.04	.05	.05	.04	.04	.03	.03	.03	.02	.02	.02	.02	.028	23	.06
26	.02		.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03			.02	.02	.02	.02	.02	.02	.02	.02	.021	21	.03
27	.02		.02	.02	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.01	.019	23	.03
28*	.01		.01	.01	.01	.01	.01	.01	.02	.02	.03	.04	.05	.05	.05	.04	.04	.03	.04	.04	.03	.02	.02	.02	.026	23	.06
29*	.02		.02	.01	.01	.01	.02	.02	.03	.03	.04	.04	.03	.03	.03	.03	.02	.03	.02	.02	.01	.01	.01	.01	.021	23	.04
30	.01		.02	.01	.01	.01	.01	.01	.01	.02			.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.013	21	.03
31	.01		.01	.01	.01	.01	.00	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.012	23	.03
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.020		
NO.	25		25	25	25	25	25	25	25	25	23	23	23	22	18	23	26	27	27	27	27	26	26			570	
MAX	.04		.05	.07	.06	.06	.06	.05	.04	.04	.04	.05	.05	.05	.05	.05	.05	.04	.04	.04	.04	.05	.06	.05	.036		.08

* Indicates Saturday or Sunday

Local standard time used

Table 3-231. APRIL, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.01	.01	.01	.00	.01	.015	23	.04
2	.02		.01	.01	.01	.01	.01	.03	.03	.03	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.026	23	.05
3																											
4*																											
5*	.01		.01	.01	.01	.01	.02	.02	.02	.01	.01	.02	.03	.04	.05	.05	.05	.04	.03	.01	.01	.02	.02	.01	.022	23	.06
6	.01		.02	.02	.02	.01	.01	.01	.01	.02	.03	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.01	.01	.01	.017	23	.05
7	.02		.01	.01	.01	.01	.02	.02	.02	.02	.03	.04	.02	.02	.01	.02	.03	.03	.03	.02	.03	.02	.01	.01	.019	23	.05
8	.01		.01	.01	.01	.01	.02	.02	.03	.03	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.014	23	.05
9	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.015	23	.02
10	.00		.01	.01	.01	.01	.00	.01	.02	.03	.03	.03	.04	.03	.03	.03	.03	.01	.01	.01	.01	.01	.01	.01	.017	23	.04
11*																											
12*																											
13																											
14	.01		.02	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.015	23	.03
15	.01		.02	.02	.03	.02	.01	.01	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.01	.02	.01	.01	.02	.02	.018	23	.04
16	.02		.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.018	23	.03
17	.01		.01	.02	.01	.02	.01	.02	.02	.02	.04	.04	.05	.06	.07	.07	.07	.04	.02	.02	.01	.01	.01	.01	.028	23	.08
18*	.01		.01	.01	.00	.01	.00	.01	.01	.02	.03						.06	.03	.02	.01	.02	.02	.02	.01	.017	18	.07
19*	.02		.01	.02	.02	.02	.02	.02	.02	.03	.02						.02	.02	.02	.02	.02	.02	.02	.02	.020	18	.03
20	.02		.03	.03	.03	.03	.03	.02	.02	.02	.03	.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.01	.023	23	.04
21	.02		.03	.03	.02	.03	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.025	23	.04
22	.02		.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.03	.02	.025	23	.05
23	.02		.02	.02	.01	.02	.02	.03	.03	.03	.04	.04	.05	.05	.06	.05	.05	.04	.04	.03	.03	.03	.03	.03	.033	23	.07
24	.03		.02	.02	.02	.02	.02	.02	.03	.03		.04	.04			.03	.03	.02	.02	.02	.02	.02	.02	.02	.023	20	.05
25*																											
26*	.02		.01	.01	.02	.02	.03	.03		.04	.03	.04	.04	.03	.03	.03	.02	.03	.03	.02	.02	.02	.01	.01	.024	22	.05
27																											
28																											
29																											
30																											
MEAN	.01		.02	.02	.02	.02	.01	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.01	.021	446	
NO	20		20	20	20	20	20	20	19	20	19	18	18	17	17	18	20	20	20	20	20	20	20	20			
MAX	.03		.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.06	.07	.07	.07	.04	.04	.03	.03	.03	.03	.03	.033		.08

* Indicates Saturday or Sunday

Local standard time used

Table 3-232. MAY, 1964. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5 MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2*	.02		.02	.02	.02	.02	.02	.02	.01	.02	.03				.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.020	20	.04
3*	.02		.01	.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.02	.03	.03	.03	.02	.02	.02	.02	.01	.01	.01	.019	23	.04
4	.02		.01	.02	.01	.02	.03	.03	.05	.04	.07	.07	.06	.07	.07	.08	.07	.09	.04	.02	.02	.02	.02	.02	.040	23	.10
5	.02		.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.020	23	.0[illegible]
6	.01		.01	.01	.01	.01	.02	.02	.03	.03	.04							.03	.02	.02	.01	.01	.01	.01	.017	17	.05
7	.01			.01	.01	.02	.02	.02	.03	.04	.05	.06	.06	.05	.05	.04	.04	.04	.03	.02	.02	.01	.01	.01	.029	22	.07
8																											
9*																											
10*	.03		.03	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.01	.01	.01	.01	.028	23	.05
11	.01		.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.04	.04	.03	.02	.02	.02	.01	.028	23	.05
12	.01		.01	.01	.01	.01	.01	.02	.02	.01	.03	.03	.04	.04	.04	.03	.04	.04	.03	.02	.03	.02	.03	.02	.024	23	.06
13	.02		.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04										.021	14	.04
14																											
15																											
16*																											
17*																											
18																											
19	.07		.07	.05	.02	.02	.03	.03	.05	.06	.07	.08	.13	.14	.12	.10	.09	.07	.05	.04	.03	.03	.03	.03	.061	23	.15
20																											
21																											
22	.01		.00	.01	.01	.01	.01	.01	.01			.06	.07	.10	.10	.12	.10	.08	.07	.04	.03	.03	.02	.01	.042	21	.13
23*	.02		.03	.03	.02	.02	.03	.06	.10	.10	.11	.12	.11	.10	.09	.09	.09	.09	.09	.08	.04	.03	.02	.02	.064	23	.13
24*	.02		.02	.02	.01	.02	.02	.06	.08	.13	.11	.09	.09	.09	.09	.09	.10	.08	.06	.04	.02	.02	.02	.02	.056	23	.15
25	.03		.04	.04	.04	.03	.03	.04	.04	.04	.04	.05	.04	.05	.05	.05	.04	.04	.03	.02	.02	.02	.01	.01	.034	23	.09
26	.01		.02	.03	.01	.02	.03		.04	.05	.06	.07	.07	.06	.06	.08	.07	.09	.05	.02	.01	.02	.01	.01	.039	22	.10
27	.02		.02	.02	.02	.01	.01	.03	.05	.06	.07	.07	.07	.07	.07	.07	.07	.07	.07	.05	.05	.04	.04	.03	.046	23	.08
28	.03		.02	.02	.02	.02	.02	.03	.04	.04	.04	.04	.04			.04	.03	.03	.02	.02	.02	.02	.01	.02	.027	21	.05
29	.03		.03	.03	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.032	23	.05
30*	.02		.02	.02	.02	.02	.03	.04	.04	.05	.06	.06	.06	.07	.08	.08	.09	.09	.07	.04	.05	.04	.03	.03	.048	23	.10
31*	.04		.01	.01	.02	.02	.03	.03	.04	.04	.02	.01	.05	.06	.05	.05	.05	.05	.05	.04	.03	.03	.03	.02	.034	23	.08
MEAN	.02		.02	.02	.02	.02	.02	.03	.04	.04	.05	.05	.06	.06	.06	.06	.06	.05	.04	.03	.02	.02	.02	.02	.035		
NO	21		20	21	21	21	21	20	21	20	20	19	19	18	19	19	19	20	20	20	20	20	20	20		459	
MAX	.07		.07	.05	.04	.03	.03	.06	.10	.13	.11	.12	.13	.14	.12	.12	.10	.09	.09	.08	.05	.04	.04	.03	.064		.15

* Indicates Saturday or Sunday
Local standard time used

Table 3-233. JUNE, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.03		.02	.02	.00	.00	.01	.02	.03	.02	.02	.03	.05	.03	.03	.03	.03	.02	.02	.02	.03	.02	.02	.01	.022	23	.06
2	.01		.01	.01	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.05	.05	.05	.03	.04	.04	.02	.01	.029	23	.07
3	.02		.01	.01	.01	.02	.01	.01	.04	.05	.06	.07	.07	.05	.04	.03	.03	.03	.05						.034	18	.08
4																											
5	.03		.03	.03	.03	.02	.02	.02	.03	.04	.04	.04	.05			.06	.06	.06	.06	.03					.037	17	.08
6*							.02	.02	.02	.03	.04	.04	.06	.07	.07	.06	.07	.07	.05	.06	.05	.04	.04	.03	.046	18	.08
7*	.03		.03	.01	.01	.01	.02	.03	.03	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.03	.03	.03	.03	.03	.032	23	.05
8	.02		.01	.01	.01	.01	.00	.01		.06	.07	.05	.07	.07	.08	.08	.06	.08	.04	.04	.02	.02	.01	.01	.036	22	.12
9	.02		.02	.01	.01	.01	.02	.02	.03	.05	.08	.08	.10	.10	.10										.046	14	.11
10																											
11	.04		.03	.03	.02	.02	.01	.02																			
12	.01		.01	.02	.02	.02	.02	.03	.04	.06	.07	.11	.09	.13	.12	.11	.13	.11	.10	.02	.02	.04	.03	.02	.031	18	.08
13*																				.08	.08	.06	.04	.02	.063	23	.15
14*																											
15	.01		.02	.02	.02	.01	.01	.02	.02	.03	.07	.12	.12	.13	.11	.10	.06	.05	.01	.02	.00	.02	.02	.03	.044	23	.14
16	.03		.04	.04	.03	.03	.02	.02	.03	.04	.03	.03	.03	.03	.02	.03	.03	.03	.03	.02	.01	.01	.02	.01	.027	23	.05
17											.07	.09	.08	.08	.09	.08	.09	.08	.09	.08	.07	.06	.06	.06	.076	14	.11
18											.03	.03	.03			.05	.03	.04	.01	.00		.01		.02	.030	19	.07
19	.06		.05	.05	.04	.04	.03	.02	.02	.03	.03	.03	.08	.08	.08	.08	.08	.08	.07	.05	.03	.01	.01	.01	.040	23	.12
20*	.03		.01	.01	.01	.01	.01	.00	.03	.04	.04	.06	.09	.09	.08	.08	.08	.08	.07	.05	.03	.01	.01	.01	.040	23	.12
21*	.01		.02	.02	.01	.01	.01	.03	.06	.07	.05	.08	.09		.15	.16	.12	.09	.06	.06	.05	.02	.01	.02	.054	22	.17
22	.05		.01	.02	.01	.01	.01						.07	.05	.06	.07	.06	.06	.07	.07	.07	.06	.06	.05	.046	18	.10
23	.06		.02	.05	.05	.03	.04	.03	.03	.05	.06	.07	.05	.08	.06	.03	.04	.05	.07	.05	.04	.03	.02	.02	.044	23	.09
24	.03		.02	.01	.01	.01	.01	.01	.02	.02	.04	.05	.04	.08	.08	.03	.02	.01	.02	.02	.02	.01	.01	.02	.025	23	.11
25	.01		.02	.02	.01	.01	.02	.02	.03	.04	.04	.04	.04	.05			.03	.03	.03	.01	.01	.01	.02	.01	.024	21	.05
26	.01											.08	.11	.13	.12	.11	.10	.09	.07	.06	.03	.03	.02	.04	.071	14	.14
27*	.05		.03	.04	.03	.04	.05	.05			.11	.12	.12	.12	.11	.08	.07	.06	.06	.04	.03	.03	.03	.03	.061	21	.13
28*	.03		.03	.03	.03	.04	.03	.04	.05	.05	.06	.07	.07	.07	.06	.07	.08	.07	.05	.03	.04	.03	.02	.01	.044	23	.13
29	.01		.01	.02	.02	.02	.03	.04	.03	.04	.05	.09	.10	.13	.19	.21	.20	.19	.13	.07	.07	.07	.05	.03	.077	23	.24
30	.02		.01	.01	.00	.02	.02	.05	.09	.12	.13	.13	.13	.13			.12	.13	.16	.11	.10	.08	.07	.05	.079	21	.18
MEAN	.03		.02	.02	.02	.02	.02	.02	.03	.04	.05	.07	.07	.08	.08	.07	.07	.06	.06	.04	.04	.03	.03	.02	.044		
NO	23		22	22	22	22	23	22	19	20	22	23	24	22	21	22	24	24	24	23	21	22	21	22		510	
MAX	.06		.05	.05	.05	.04	.05	.05	.09	.12	.13	.13	.13	.13	.19	.21	.20	.19	.16	.11	.10	.08	.07	.06	.079		.24

* Indicates Saturday or Sunday

Local standard time used

Table 3-234. JULY, 1964; HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1	.04		.03	.02	.02	.02	.03	.06				.12	.11	.10	.12	.11	.10	.10	.11	.11	.04	.05	.04	.04	.068	20	.14
2	.02		.03	.02	.02	.02	.03	.05	.06	.10	.06		.11	.10	.11	.07									.056	14	.13
3																											
4*	.02			.01	.01	.01	.02	.03			.04	.03	.03	.03	.04	.06	.07	.06	.05	.03	.02	.02	.03	.02	.031	20	.07
5*	.02		.01	.02	.02	.01	.02	.02	.03	.03	.03		.03	.03	.03	.03	.03	.03	.03	.01	.01	.01	.01	.01	.021	22	.04
6	.01		.01	.02	.01	.02	.02	.02		.04	.04	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.01	.024	22	.05
7	.01		.02	.02	.02	.02	.03	.03				.07	.08	.08	.07	.07	.07	.05	.07	.06	.05	.03	.03	.02	.045	20	.10
8	.03		.04	.04	.03	.02	.02				.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.026	20	.04
9	.02		.03	.04	.04	.02	.01	.01	.02	.03	.03	.03	.03	.03					.04	.04	.04	.03	.02	.02	.027	19	.05
10	.02		.01	.01	.02	.01	.02	.03	.05	.06	.06	.07	.07	.07	.07							.02	.02	.03	.037	17	.09
11*	.03		.02	.02	.02	.02	.02	.03	.04	.06	.10	.17	.15	.15	.14	.11	.07	.07	.06	.06	.05	.04	.02	.02	.062	23	.18
12*	.02		.02	.03	.04	.05	.05	.07	.08	.07	.09	.08	.07	.08	.08	.09	.09	.08	.08	.07	.06	.06	.05	.05	.063	23	.11
13	.06		.05	.05	.04	.03	.02	.02	.04	.05	.06	.06	.07	.06	.04	.06	.04	.02	.02	.02	.01	.01	.00	.00	.036	23	.08
14	.01		.01	.01	.01	.01	.00	.01	.02	.05	.08	.10	.09	.09	.09	.08	.08	.07	.08	.09	.08	.07	.06	.05	.052	23	.11
15	.04		.05	.05	.03	.02	.03	.06	.09	.08	.07	.08		.07	.08	.07	.06		.04	.03	.03	.02	.02	.02	.049	21	.10
16	.02		.02	.02	.01	.02	.01	.03	.04	.09	.12	.13					.08	.07	.06	.06	.04	.05	.02	.01	.046	19	.15
17	.02		.04	.02	.02	.01	.01	.03		.11	.12	.09	.11							.04	.04	.03	.02	.02	.045	16	.13
18*	.01		.00	.00	.01	.01	.00	.00	.01	.04	.04	.06	.06	.06	.05	.04	.04	.04	.04	.03	.02	.02	.01	.01	.026	23	.07
19*	.01		.01	.01	.01	.01	.02	.02	.03	.04	.04		.06	.07	.08	.09	.08	.06	.04	.03	.04	.02	.01	.01	.035	22	.10
20	.01		.01	.01	.00	.00	.00	.01	.04	.06						.06	.05	.05	.04	.03	.02	.02	.01	.01	.023	18	.10
21	.02		.01	.01	.01	.00	.01	.02	.03	.05	.04	.05	.05	.05	.05	.05	.04	.04	.03	.03	.02	.02	.01	.01	.027	23	.06
22	.02		.02	.01	.01	.01	.01	.01	.02	.03	.04	.05	.05	.04			.04	.04	.02	.03	.02	.02	.01	.01	.024	21	.06
23	.01		.02	.02	.01	.01	.01	.02	.03	.03	.04		.06	.05		.06	.05	.04	.03	.03	.02	.01	.01	.01	.026	21	.08
24	.01			.02	.03	.03	.02	.02	.02	.02	.03	.03	.03										.01	.01	.021	13	.05
25*	.01		.01	.01	.01	.01	.01	.02	.02	.03	.03	.03										.03	.03	.03	.019	14	.04
26*	.03		.03	.03	.03	.02							.06														
27	.01		.00	.00	.00	.00	.00	.01	.02	.03	.07	.07	.08	.08	.09	.09	.04	.03	.03	.03	.02	.03	.02	.00	.029	14	.07
28			.00	.00	.01	.00	.00	.00	.01	.03	.01	.04					.07	.06	.06	.06	.05	.04	.04	.04	.042	23	.11
29																		.03	.03	.02	.01	.01	.01	.00	.012	17	.05
30	.03		.03	.03	.03	.02	.02	.03	.03	.04	.06	.07	.07	.07	.07	.07	.06	.06	.04	.03	.02	.02	.02	.03	.041	23	.08
31																											
MEAN	.02		.02	.02	.02	.01	.02	.02	.03	.05	.05	.07	.07	.07	.07	.07	.06	.05	.04	.04	.03	.03	.02	.02	.037		
NO	27		26	28	28	28	27	26	21	23	24	22	23	21	18	19	21	21	23	24	24	26	27	27		554	
MAX	.06		.05	.05	.04	.05	.05	.07	.09	.11	.12	.17	.15	.15	.14	.11	.10	.10	.11	.11	.08	.07	.06	.05	.068		.18

* Indicates Saturday or Sunday

Local standard time used

Table 3-235. AUGUST, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM												PM												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1*																											
2*																											
3																											
4	.02		.02	.02	.02	.03	.04	.05	.05	.05							.13	.09	.07	.06	.06	.05	.05	.03	.049	17	.14
5	.02		.02	.02	.01	.02	.03	.03	.04	.05	.05	.05	.05				.06	.05	.04	.03	.02	.02	.01	.01	.031	20	.08
6	.02		.02	.03	.03	.02	.02	.02	.03	.04	.04	.04	.06	.07	.07	.07	.05	.05	.05	.03	.03	.03	.03	.04	.037	23	.09
7	.02		.03	.02	.04	.04	.06	.07	.08	.11	.16	.11	.09	.09	.09	.09	.09	.09	.08	.08	.09	.10	.10	.09	.077	23	.20
8*	.08		.08	.07	.04	.02	.02	.02	.03	.05			.10	.10	.10	.09	.08	.06	.04	.02	.02	.02	.01	.02	.050	21	.11
9*	.01		.01	.01	.01	.01	.02	.03	.03	.04	.04	.04	.05	.05	.05	.04	.04	.04	.03	.02	.02	.02	.02	.02	.028	23	.08
10	.02		.02	.02	.02	.03	.04	.05	.04	.06	.07	.06	.05	.06	.05	.05	.06	.06	.05	.05	.04	.05	.03	.04	.043	23	.08
11	.04		.04	.03	.02	.02	.01	.03	.05	.05	.06	.09	.08	.09	.07	.06	.06	.05	.05	.03	.03	.02	.02	.02	.043	23	.12
12	.02		.02	.02	.02	.02	.01	.00	.01	.05	.06	.06	.07	.06						.04	.02	.02	.02	.02	.030	18	.07
13	.02		.02	.02	.02	.02	.00	.01	.02	.03	.03	.03	.03			.03	.03	.03	.03	.02	.02	.02	.01	.01	.021	21	.04
14	.01			.01	.01	.01	.02	.02	.03	.04	.04	.05	.05	.05			.04	.04	.03	.03	.02	.02	.03	.03	.028	20	.06
15*	.03		.03	.02	.02	.02	.02	.03	.04	.05	.06	.07	.07	.08	.09	.09	.08	.07	.07	.05	.04	.04	.03	.03	.049	23	.10
16*	.02		.03	.03	.02	.03	.03	.06	.07	.10	.08	.09	.09	.09	.08	.08	.08	.07	.07	.06	.06	.06	.04	.05	.060	23	.13
17	.06		.05	.05	.04	.03	.02	.03	.05	.07	.07	.07				.08	.08	.10	.09	.06	.04	.03	.02	.03	.054	20	.11
18	.06		.04	.04	.04	.02	.04	.04	.08	.08	.08	.10	.11	.11	.11	.11	.05	.04	.03	.02	.02	.03	.02	.02	.056	23	.13
19	.02		.02	.02	.01	.02	.02	.03	.04	.04	.05						.03	.03	.02	.02	.02	.02	.02	.02	.025	18	.05
20																											
21										.05	.04	.06	.07	.09	.10	.11	.09	.12	.12	.12	.11	.11	.09	.07	.088	15	.13
22*	.04		.04	.04	.02	.02	.02	.02	.03	.06	.07	.08	.08	.07	.07	.07	.06	.06	.04	.04	.03	.03	.03	.03	.044	23	.08
23*	.03		.03	.02	.02	.02	.01	.01	.02	.03	.06	.08	.09	.09	.08	.08	.08	.07	.04	.03	.04	.03	.03	.03	.044	23	.10
24	.02		.02	.02	.02	.01	.02	.03	.04	.05	.06	.07	.07			.06		.08	.07	.05	.04	.04	.02	.02	.040	20	.09
25	.02		.02	.01	.02	.01	.02	.03		.06		.10	.09	.09	.09	.10	.08	.09	.08	.08	.06	.06	.04	.03	.055	21	.14
26																											
27	.02		.02	.02	.02	.01	.02	.04	.05	.05	.08	.11					.16	.12	.08			.04	.05	.03	.053	17	.19
28																											
29*																											
30*	.01		.01	.02	.01	.00	.01	.02	.07	.10	.13	.13	.11	.08	.10	.08	.05	.03	.02	.02	.02	.02	.01	.01	.045	23	.16
31	.01		.01	.01	.01	.01	.00	.00	.01	.01	.02	.05	.07	.06	.05	.05	.04	.03	.03	.02	.00	.00	.00	.00	.021	23	.07
MEAN	.03		.03	.02	.02	.02	.02	.03	.04	.05	.06	.07	.07	.08		.07	.07	.06	.05	.04	.04	.04	.03	.03	.044		
NO	23		22	23	23	23	23	23	22	24	21	21	20	17	15	18	22	23	23	23	23	24	24	24		504	
MAX	.08		.08	.07	.04	.04	.06	.07	.08	.11	.16	.13	.11	.11	.11	.11	.16	.12	.12	.12	.11	.11	.10	.09	.088		.20

* Indicates Saturday or Sunday

Local standard time used

Table 3-236. SEPTEMBER, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.05	.05	.04	.03	.02	.03	.04	.04	.05	.06	.06	.07	.06	.05	.04	.03	.03	.02	.02	.02	.02	.02	.037	23	.08
2	.03		.03	.04	.03	.02	.02	.03	.04	.05	.05	.05	.05	.05											.037	13	.06
3																											
4																											
5*	.02		.01	.02	.02	.02	.03	.04	.07	.07	.08	.09				.08	.07	.06	.03	.02	.02	.02	.01	.02	.040	20	.10
6*	.02		.03	.04	.03	.02	.02	.04	.05	.05	.06	.06	.07				.08	.07	.04	.04	.03	.03	.03	.04	.041	20	.09
7	.03		.02	.02	.02	.02	.02	.03	.05	.05	.09	.10	.13	.13	.15	.13	.10	.08	.06	.03	.02	.01	.02	.02	.058	23	.16
8	.02		.03	.03	.03	.02	.02	.03	.06	.06	.07	.09				.15	.14	.11	.05	.03	.03	.02	.01	.02	.051	20	.18
9	.02		.02	.02	.01	.01	.02	.03	.06	.08	.11	.14	.17			.18	.14	.13	.09	.04	.03	.03	.02	.01	.064	21	.20
10	.02		.02	.02	.02	.02	.02	.05	.05	.08			.08	.08	.08	.07	.05	.05	.03	.02	.02	.01	.01	.01	.038	21	.10
11	.01			.01	.01	.01	.00	.00	.01	.02	.03	.04	.05				.05	.04	.03	.05	.06	.03	.02	.02	.025	19	.07
12*	.02		.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.04			.03	.03	.03	.02	.02	.01	.01	.023	21	.06
13*	.01		.02	.02	.03	.02	.02	.02	.01			.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.020	21	.03
14	.02		.02	.03	.04	.03	.02	.03	.04	.05	.05	.05	.05	.05	.05	.06	.05	.04	.03	.03	.03	.03	.02	.02	.035	23	.06
15	.02		.02	.02	.03	.03	.04	.06	.04	.08	.07	.07	.09		.09	.07	.06	.04	.03	.03	.02	.03	.03	.03	.044	22	.11
16	.02		.02	.02	.01	.02	.03	.03	.04	.04							.03	.02	.03	.02	.03	.02	.02	.02	.024	17	.05
17	.02		.03	.02	.04	.03	.02	.03	.03	.04				.11	.13	.11	.07	.04	.04	.03	.03	.03	.03	.03	.045	20	.17
18	.02		.02	.02	.02	.02	.02	.03	.05	.10	.17	.20	.16	.20	.10	.11	.06	.04	.03	.03	.03	.02	.02	.02	.064	23	.25
19*	.02		.02		.06	.05	.02	.02	.02	.03				.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	19	.07
20*	.02		.01	.02	.01	.01	.01	.01	.01	.02		.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	22	.03
21	.02		.01	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.01	.018	23	.04
22	.01		.01	.01	.01	.01	.02	.02	.03	.03	.04	.05	.05	.05	.05	.05	.03	.03	.02	.02	.02	.02	.02	.02	.026	23	.06
23	.01		.02	.02	.02	.02	.02	.02	.03	.03	.04	.04					.06	.06	.05	.04	.03	.03	.02	.02	.030	19	.07
24	.02											.05	.06	.06	.06	.06	.04	.03	.02	.02	.02	.02	.02	.02	.035	14	.12
25	.02		.02	.02	.02	.02	.01	.02	.03						.03	.03	.03	.02	.03	.02	.03	.03	.04		.024	17	.05
26*																											
27*																											
28		.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02			.03	.01	.02	.01	.01	.01	.01	.01	.018	21	.05
29		.01	.01	.01	.01	.01	.02	.03		.03	.03	.04	.04	.03	.05	.03	.02	.01	.01	.02	.03	.03	.03	.03	.023	22	.05
30		.02	.02	.02	.01	.02	.02	.03		.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.06	.07	.03	.04	.025	22	.09
MEAN	.02		.02	.02	.02	.02	.02	.03	.04	.04	.06	.06	.06	.06	.06	.07	.05	.04	.03	.02	.03	.02	.02	.02	.034		
NO	23	3	24	24	25	25	25	25	23	23	18	21	19	17	17	19	24	25	25	25	25	25	25	24		529	
MAX	.03	.03	.05	.05	.06	.05	.04	.06	.07	.10	.17	.20	.17	.20	.15	.18	.14	.13	.09	.05	.06	.07	.04	.04	.064		.25

* Indicates Saturday or Sunday

Local standard time used

Table 3-237. OCTOBER, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1		.03	.02	.02	.01	.01	.02	.05	.07	.04	.04	.04	.05	.03			.03	.02	.02	.02	.02	.02	.02	.02	.029	21	.13
2		.02	.01	.02	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.01	.017	23	.04
3*		.01	.02	.02	.03	.02	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.03	.02	.02	.02	.02	.01	.02	.03	.025	23	.05
4*		.03	.02	.02	.01	.01	.02	.02	.02	.03	.02	.02	.02				.01	.01	.01	.01	.01	.01	.01		.016	19	.03
5		.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01		.020	22	.04
6		.02	.02	.02	.02	.02	.03	.04	.03	.03	.04	.04	.03	.04	.04	.03	.03	.02	.04	.04	.03	.01	.02		.028	22	.06
7		.01	.01	.01	.01	.01	.01	.02		.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.02	.021	22	.05
8		.01	.01	.01	.02	.02		.03	.02			.01	.03	.03	.04	.04	.02	.03	.02	.02	.02	.01	.02		.021	19	.05
9		.02	.02	.02	.02	.03	.03	.06	.04	.04	.05	.05	.05	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02		.031	22	.07
10*		.01	.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.02		.016	22	.03
11*		.01	.02	.01	.02	.01	.01	.01	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.03	.03		.017	22	.04
12		.04	.04	.03	.03	.03	.02	.04	.03	.02	.01	.01	.02	.02	.01		.02	.01	.01	.01	.01	.02	.01		.020	21	.09
13		.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.04	.04	.04			.03	.02	.03	.03	.03	.02	.02	.05	.026	21	.06
14		.03	.02	.01	.03	.03	.03	.04	.03	.02	.03	.03	.03	.03	.03	.03	.02	.02	.03	.06	.05	.05	.06	.05	.032	23	.09
15	.05		.04	.02	.02	.03	.04	.05	.03	.03	.03	.03	.04	.09	.05	.04	.02	.02	.02	.02	.02	.02	.02	.02	.032	23	.12
16	.01		.05	.04	.05	.05	.04	.06	.04	.04	.02	.02	.01	.02			.03	.02	.02	.01	.01	.01	.01	.01	.027	21	.07
17*	.01		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02					.01	.01	.01	.01	.01	.01	.01	.01	.011	19	.02
18*	.01		.01	.01	.01	.01	.01	.01	.02	.02	.03	.03	.03	.03	.03	.03	.03	.01	.01	.01	.00	.01	.01	.00	.015	23	.05
19	.01		.02	.02	.02	.02	.03	.03	.01	.01	.01				.02	.01	.01	.01	.01	.01		.01	.00	.01	.014	19	.06
20	.00		.01	.01	.01	.02	.02	.02	.02	.02	.01	.01	.01	.01			.02	.02	.02	.02	.02	.02	.02	.02	.015	21	.03
21																											
22										.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022	15	.04
23	.02		.02	.01	.01	.02	.03	.04	.03	.02	.02	.02	.02	.02			.02	.01	.01	.02	.02	.02	.01	.01	.018	21	.05
24*	.01		.02	.01	.01	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01							.019	17	.04
25*																											
26																											
27										.07	.08	.07	.06		.03	.03	.03	.03	.03	.02	.03	.03	.04	.05	.043	14	.12
28	.06		.05	.05	.06	.03	.03	.03	.04	.05	.04	.05	.04	.05	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.034	23	.10
29	.02		.01			.01	.01	.02	.02			.04	.03	.03	.02	.02	.01	.02	.02	.02	.02	.01	.01	.01	.016	19	.05
30	.02		.01	.00	.01	.01	.01	.00	.02	.02	.02	.02	.02	.02					.02	.02	.03	.02	.01	.01	.015	19	.04
31*	.00		.01	.01	.01	.01	.00	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.03	.02	.01	.01	.012	23	.04
MEAN			.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.022		
NO.	12	14	26	25	25	26	25	26	25	26	26	27	26	24	20	19	27	27	27	27	26	27	27	19		579	
MAX	.06	.04	.05	.05	.06	.05	.04	.06	.07	.07	.08	.07	.06	.09	.05	.04	.03	.03	.04	.06	.05	.05	.06	.05	.043		.13

* Indicates Saturday or Sunday

Local standard time used

Table 3-238. NOVEMBER, 1964. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1*	.01	.00		.01	.02	.01	.01	.01	.00	.01	.01	.01	.01	.01				.01	.01	.00	.00	.00	.00	.01	.008	20	.02
2	.01		.01	.01	.01	.01	.02	.01	.01	.01	.01	.00	.00	.01	.01	.02	.01	.01	.01	.01	.01	.00	.00	.00	.008	23	.03
3	.00		.00	.00	.00	.00	.00	.00	.01		.01	.02	.01	.02	.02	.03	.02	.02	.02	.01	.01	.01	.01	.00	.010	22	.04
4	.00		.01	.01	.00	.00	.01	.00	.01	.01	.01	.00	.00			.01	.01	.01	.00	.01	.01	.02	.02	.01	.007	21	.03
5	.01		.01	.01	.01	.02	.02	.02	.04	.03	.04	.03	.02	.02	.02	.02	.03	.02	.01	.01					.020	19	.07
6											.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.00	.01	.01	.00	.011	14	.02
7*	.00		.00	.00	.00	.00	.00	.01	.01	.01	.02	.01	.02	.02			.02	.01	.01	.00	.01	.01	.01	.06	.011	21	.11
8*	.07			.05	.03	.03	.02	.01	.00	.01	.03	.03	.03	.02	.02	.02	.01	.01	.02	.04	.02	.02	.01	.00	.023	22	.08
9	.00		.01	.01	.01	.01	.00	.02	.02	.02	.02	.05	.05	.04	.02	.03	.02	.02	.03	.04	.05	.06	.06	.03	.026	23	.08
10	.00		.01	.02	.01	.02	.02	.03	.03	.04	.03	.04	.04	.04	.05	.03	.03	.02	.02	.02	.02	.02	.02	.01	.024	23	.09
11	.01		.02	.01	.01	.01	.01	.02	.02	.03	.04	.05	.05	.06	.08	.07	.05	.03	.02	.02	.02	.02	.01	.01	.027	23	.10
12	.05		.05	.05	.01	.03	.03	.03	.03	.02	.04	.04	.03	.04	.04	.03	.02	.01	.02	.02	.02	.01	.01	.01	.026	23	.08
13																											
14*	.01		.02	.02	.02	.01	.01	.01	.01	.02	.02			.01	.02	.01	.01	.01	.01	.00	.04	.03	.02	.05	.016	21	.09
15*	.05		.04	.06	.04	.03	.04	.03	.01	.01	.01	.04	.13	.02	.02	.02	.01	.00	.01	.01	.00	.00	.01	.00	.025	23	.19
16	.01		.00	.00	.00	.00	.00	.00	.01					.01	.00	.00	.00	.00							.003	13	.02
17																											
18																											
19																											
20																											
21*	.00				.00	.00	.00	.00	.01	.01	.01	.02	.01	.01				.00	.00	.00	.00	.00	.00	.00	.004	18	.04
22*	.00			.00	.00	.00	.00	.00								.00	.00	.00	.00	.00	.00	.00	.00	.00	.000	15	.01
23	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.000	21	.01
24	.00		.03	.04	.02	.00	.01	.02	.01	.00	.00	.00	.01	.02	.02	.01	.00	.00	.01	.00	.00				.009	20	.05
25																											
26																											
27			.01	.01	.01	.00	.00	.01	.01	.02	.01	.01	.01	.02	.01	.01	.01	.00	.00	.01	.01	.00	.01	.01	.008	22	.05
28*	.00		.00	.00	.00	.00	.00	.01	.00	.00	.00	.02	.01	.01	.01	.01	.00	.00	.01	.01	.01	.00	.01	.01	.005	23	.03
29*	.01		.00	.00	.00	.01								.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.003	16	.02
30	.00		.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00		.01	.00	.00	.00	.00	.00	.01	.01	.00	.002	22	.01
MEAN	.01		.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.01	.013		
NO	21	1	18	21	22	22	21	21	20	18	20	19	19	21	16	19	21	23	22	22	21	20	20	20		468	
MAX	.07	.00	.05	.06	.04	.03	.04	.03	.04	.04	.04	.05	.13	.06	.08	.07	.05	.03	.03	.04	.05	.06	.06	.06	.027		.19

* Indicates Saturday or Sunday

Local standard time used

Table 3-239. DECEMBER, 1964, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1	.01		.01	.01	.00	.01	.00	.00	.00	.00	.00							.00	.00	.00	.00	.00	.00	.00	.002	17	.01
2	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.00	.00	.00	.00	.000	23	.01
3	.00		.01	.01	.01	.00	.00	.01	.01	.00	.01	.01	.01	.01	.00	.00	.01	.02	.01	.01	.00	.00	.00	.00	.005	23	.04
4	.00		.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.00	.01	.01	.02	.02	.02	.01	.01	.00	.00	.00	.00	.006	23	.03
5*	.00		.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00			.00	.00	.00	.00	.00	.00	.00	.00	.001	21	.02
6*	.00		.00	.00	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.002	23	.04
7	.00		.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01				.00	.00	.01	.00	.02	.01	.02	.00	.004	20	.03
8	.00		.02	.00	.01	.00	.00	.00	.00	.02	.01	.01	.01	.01	.01	.02	.03	.03	.01	.01	.01	.02	.01	.02	.011	23	.05
9	.02		.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02											.019	13	.05
10																											
11																											
12*																											
13*	.05		.05	.04	.04	.04	.06	.06	.04	.04	.03	.04	.02	.02	.02	.03	.02	.03	.03	.03	.03	.04	.05	.07	.038	23	.10
14	.07		.06	.08	.10	.10	.10										.01	.01	.00	.00	.00	.00	.00	.00	.038	14	.11
15	.01		.02	.02	.02	.01	.01	.01	.02	.02	.02	.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.013	23	.03
16	.01		.01	.01	.01	.01	.00	.01	.00	.00	.01	.02	.01	.01		.02	.02	.01	.02	.01	.01	.02	.01	.01	.011	22	.03
17	.01		.02	.01	.01	.01	.02	.02	.02	.02	.01	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.05	.03	.025	23	.06
18	.02		.02	.03	.03	.03	.02	.02	.02		.02	.01	.02	.02	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.015	22	.04
19*	.00		.00	.00	.01	.01	.00	.01	.01	.01	.01	.01	.01	.01			.00	.00	.00	.00	.00	.00	.00	.01	.005	21	.03
20*																											
21																											
22	.01		.01	.01	.01	.01	.02	.05	.01	.02	.01	.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.00	.007	16	.03
23	.02		.01	.01	.01	.01			.04	.04	.04	.03	.02	.02	.02	.02	.04	.06	.08	.08	.08	.08	.06	.02	.036	23	.14
24	.02		.02	.02	.02	.02	.03	.05	.05	.03	.02	.02	.02	.03	.03	.03	.03	.03	.02	.02	.03	.02	.02	.02	.021	19	.05
25	.03		.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.07	.07	.07	.08	.07	.08	.10	.09	.08	.08	.051	23	.13
26*	.06		.04	.02	.03	.03	.02	.02	.02	.02	.03	.04	.03	.03	.03	.03	.03	.03	.02	.02	.03	.14	.20	.17	.045	23	.25
27*	.04		.03	.03	.02	.02	.01	.02	.02	.03	.02	.03	.02	.02	.02	.03	.02	.02	.03	.02	.02	.02	.02	.03	.027	22	.09
28												.02	.02	.03	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.022	19	.06
29	.01		.02	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.02	.02	.03	.03	.02	.02	.02	.022	23	.04
30	.02		.02	.02	.03	.02	.03	.03	.03	.03	.03	.03	.03	.03	.05	.05	.05	.06	.05	.06	.06	.04	.05	.04	.037	23	.08
31	.05		.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.03	.03	.03	.02	.02	.03	.02	.02	.02	.024	23	.07
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.02	.019		
NO	25		25	25	25	25	24	23	24	23	25	25	25	24	19	21	25	26	26	26	25	25	25	25		561	
MAX	.07		.06	.08	.10	.10	.10	.06	.05	.04	.04	.04	.04	.04	.07	.07	.07	.08	.08	.08	.10	.14	.20	.17	.051		.25

* Indicates Saturday or Sunday

Local standard time used

Table 3-240. JANUARY, 1965, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.02	.02	.018	23	.03
2*	.01		.02	.01	.01	.01	.02	.03	.03		.03	.02	.03	.03	.04	.05	.05	.06	.05	.05	.04	.03	.03	.03	.029	22	.07
3*	.02			.02	.03	.03	.03	.03	.03	.03			.03	.03	.03	.02	.03	.02	.02	.02	.02	.01	.02	.02	.023	20	.03
4	.02		.02	.02	.02	.02	.02	.02	.02					.03	.03	.03	.04	.03	.03	.03	.03				.025	16	.04
5					.02	.02	.01	.01	.03	.02	.01	.02	.01	.01	.01	.02	.02	.03		.03	.03	.03	.04	.03	.022	19	.05
6	.02		.02	.02	.01	.02	.02	.05	.04		.03	.03	.03	.02	.02	.03	.03	.03	.02						.025	17	.08
7																											
8	.02		.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.04	.04	.04	.04	.04	.04	.04	.04	.031	22	.06
9*	.04		.04	.04	.04	.03	.03	.04	.02	.03	.03	.04	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.026	23	.05
10*	.01		.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.015	23	.03
11	.01		.01	.01	.01	.01	.01	.02	.03							.02	.02	.02	.02	.03	.02	.02	.03	.02	.018	17	.06
12	.01		.01	.00	.00	.01	.01	.01	.02	.02	.02	.02	.01	.02	.02	.01	.02	.02	.02	.03	.07	.06	.07	.07	.024	23	.10
13	.07		.03	.08	.06	.06	.06	.06	.03	.03	.02	.01	.01	.02	.02	.02	.02	.02	.02	.01	.02	.01	.01	.02	.030	23	.10
14	.02		.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.01	.01	.01	.01	.01	.01	.011	23	.02
15	.01		.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.00	.00	.01	.00	.00	.004	23	.02
16*	.00		.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.02			.01	.01	.01	.01	.01	.01	.01	.01	.011	21	.04
17*	.01		.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.008	23	.02
18	.00		.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.005	23	.02
19	.01		.01	.01	.01	.01	.01	.01	.00	.00	.01	.02	.02	.01	.01	.01	.01	.01	.01	.00	.00	.01	.01	.01	.009	23	.02
20	.01		.01	.01	.02	.01	.00	.01	.01	.01	.01	.02	.02	.02											.010	13	.02
21				.01	.01	.01	.02	.02	.04	.03	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.022	21	.06
22	.02		.02	.02	.02	.02	.02	.03	.03	.03	.02	.04	.03	.02	.02	.03	.04	.03	.04	.03	.04	.04	.04	.07	.029	23	.11
23*	.09		.05	.04	.03	.02	.01	.01	.02	.02	.02	.02	.01	02	.02	.02	.02								.026	16	.15
24*																											
25	.02		.01	.01	.01	.01	.01	.01	.02	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.05	.04	.018	23	.08
26	.01		.03	.02	.02	.00	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.03	.03	.02	.03	.03	.01	.021	23	.06
27	.01		.01	.01	.01	.01	.01	.01	.02		.02	.02	.02	.02	.02	.02	.01	.00	.01	.01	.01	.01	.01	.01	.012	22	.05
28	.01		.01	.00	.00	.00	.00	.00	.00	.01	.00	.00	.00	.00	.01	.01	.00	.00	.00	.00	.01	.01	.01	.01	.004	23	.02
29																											
30*																											
31*																											
MEAN	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018		
NO.	24		23	25	26	26	26	26	26	21	23	23	24	25	22	24	25	24	23	23	23	22	22	22		548	
MAX	.09		.05	.08	.06	.06	.06	.06	.04	.03	.03	.04	.03	.03	.04	.05	.05	.06	.05	.05	.07	.06	.07	.07	.031		.15

* Indicates Saturday or Sunday

Local standard time used

Table 3-241. FEBRUARY, 1965, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO OF HRS	5-MIN MAX
1			.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.01	.007	22	.03
2	.00		.02	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.00	.00	.01	.00	.00	.010	23	.03
3	.01		.00	.00	.01	.01	.00	.00	.00		.01	.02	.03	.02	.02	.01	.01	.01	.01	.01	.00	.01	.01	.01	.008	22	.03
4	.01		.00	.00	.00	.00	.00	.00	.00			.00	.01	.00	.01	.01	.01	.00	.00	.01					.004	17	.02
5											.00	.00	.00		.01	.02	.02	.01	.01	.02	.01	.01	.01	.01	.009	13	.02
6*	.00		.01	.00	.00	.01	.00	.00	.00	.00	.00	.00				.02	.02	.02	.05	.01	.02	.01	.02	.01	.010	20	.10
7*																											
8			.02	.02	.01	.02	.02	.02	.04	.04	.06	.03	.03	.03	.03	.03	.03	.04	.04	.03	.02	.02	.03	.02	.027	22	.07
9	.01											.04	.03	.02	.04	.02	.02	.02	.02	.02	.03	.02	.02	.02	.024	14	.05
10																											
11																											
12																											
13*																											
14*																											
15																											
16																											
17																											
18																											
19																											
20*																											
21*																											
22																											
23																											
24	.00		.00	.00	.00	.00	.00	.00			.01	.02	.02	.02		.02	.03	.02	.02	.02	.02	.02	.02	.02	.012	20	.03
25	.01		.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.015	23	.04
26	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.010	23	.02
27*	.01			.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.006	22	.02
28*	.00		.00	.00	.01	.02	.01	.00	.00	.00	.01	.02	.03	.03	.03	.02	.02	.02	.02	.02	.01	.01	.02	.02	.014	23	.04
MEAN																											
NO	10		10	11	11	11	11	11	10	8	11	13	12	11	11	13	13	13	13	13	12	12	12	12		264	
MAX	.01		.02	.02	.02	.02	.02	.02	.04	.04	.06	.04	.03	.03	.04	.03	.03	.04	.05	.03	.03	.02	.03	.02	.027		.10

* Indicates Saturday or Sunday

Local standard time used

Table 3-242. MARCH, 1965. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.02		.02	.02	.02	.01	.01	.00	.00	.03	.01	.02	.02	.03	.02	.02	.03	.02	.02	.02	.01	.01	.01	.02	.018	23	.04
2	.01		.02	.01	.01	.01	.03	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.01	.011	23	.05
3	.01		.02	.02	.01	.01	.01	.01	.02		.02			.01	.02	.01	.01	.03	.02	.01	.02	.01	.02	.01	.016	20	.04
4	.01		.01	.01	.02	.01	.01	.01	.01	.00	.00	.00	.03	.04	.05	.03	.02	.02	.02	.02	.02	.02	.01	.01	.017	23	.06
5	.02		.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.01	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.014	23	.04
6*	.01		.01	.01	.01	.01	.01	.01		.00	.02	.01	.02	.02	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.011	22	.03
7*	.01			.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.016	22	.03
8	.01		.02	.01	.01	.01	.01	.02	.02	.02	.02	.02	.03	.03	.03	.02	.02	.02	.01	.02	.02	.01	.01	.01	.016	23	.04
9	.01		.01	.01	.01	.01	.02	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.02	.02	.01	.014	23	.03
10	.01		.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.05
11	.02		.02	.03	.03	.02	.02	.02		.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.021	22	.04
12	.01		.02	.03	.03	.01	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.016	23	.04
13*	.01		.02	.01	.01	.01	.01	.02	.09	.02	.03	.02	.02	.02	.03	.03		.03	.02	.02	.02	.02	.01	.01	.022	22	.20
14*	.01			.02	.02	.01	.01	.01		.02	.03	.04	.04	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.03	.022	21	.05
15	.02	.02		.03	.03	.03	.03	.02	.03	.02	.03	.03	.04	.03	.03	.02	.02	.01	.02	.02	.02	.02	.02	.02	.023	23	.06
16	.02	.02		.02	.02	.02	.01	.02	.01	.01	.01	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.03	.02	.019	23	.06
17	.02	.02		.02	.02	.01	.02	.01			.00	.00	.01	.01	.01	.01	.01	.02	.01	.02	.02	.03	.02	.02	.014	21	.04
18	.02	.02		.02	.02	.02	.02	.02	.03	.01	.02	.02	.02	.02	.02	.02	.02	.03	.02	.03	.02	.02	.01	.02	.020	23	.05
19	.02	.02		.02	.02	.02	.02	.02	.03	.00	.01	.02	.03	.04	.03	.04	.02	.02	.02	.02	.02	.02	.02	.02	.020	23	.05
20*	.01	.01		.02	.02	.02	.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.018	23	.03
21*	.02	.02			.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.04	.03	.02	.01	.01	.01	.01	.02	.02	.020	22	.06
22	.02	.02		.02	.01	.01	.01	.01	.01	.00	.01	.01	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.00	.016	23	.05
23	.00	.00		.00	.00	.00	.00	.00	.00	.00	.00	.02	.01	.02	.02	.02	.02	.05	.03	.02	.02	.02	.02	.02	.012	23	.06
24	.03	.02		.02	.02	.02	.02	.03	.02	.02	.02	.03	.03	.03	.03	.03	.02	.03	.02	.01	.01	.02	.01	.01	.021	23	.04
25	.01	.01		.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.01	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.017	23	.03
26	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.01	.02	.02	.02	.02	.021	23	.05
27*	.01	.02		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.01	.02	.01	.02	.025	23	.04
28*	.01	.00			.01	.01	.01	.01	.02	.03	.03	.03	.03	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.023	22	.06
29	.02	.02		.02	.02	.02	.03	.03	.02	.03	.02	.02	.02	.02	.03	.02	.03	.03	.02	.02	.02	.02	.03	.03	.023	23	.05
30	.02	.02		.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.03	.027	23	.05
31	.04	.04		.03	.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.023	23	.04
MEAN	.02	.02		.02	.02	.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.018		
NO.	31	17	12	29	31	31	31	31	27	29	31	30	30	31	31	31	30	31	31	31	31	31	31	31		700	
MAX	.04	.04	.02	.03	.03	.03	.03	.03	.09	.03	.03	.04	.04	.04	.05	.04	.04	.05	.03	.03	.02	.03	.03	.03	.027		.20

* Indicates Saturday or Sunday

Local standard time used

Table 3-243. APRIL, 1965, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5-MIN MAX
1	.01	.02		.02	.02	.01	.02	.01	.01	.02	.02	.04	.04	.04	.02	.03	.02	.02	.02	.02	.02	.02	.03	.02	.021	23	.05
2	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.024	23	.04
3*	.02	.02		.03	.02	.02	.02	.02	.03	.03	.04	.04	.03	.03	.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.026	23	.05
4*	.02	.01			.01	.01	.02	.02	.02	.03	.04	.04	.04	.04	.04	.04	.04	.03	.02	.02	.02	.02	.02	.02	.026	22	.05
5	.01	.01		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.04	.04	.03	.03	.03	.03	.03	.02	.03	.03	.024	23	.06
6	.05	.09		.01	.01	.01	.02	.02	.02		.01	.02	.02	.03	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.025	22	.15
7	.02	.02		.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.025	23	.05
8	.02	.02		.02	.02	.02	.03	.03	.03	.01	.02	.02	.02	.03	.04	.04	.04	.04	.05	.05	.03	.03	.04	.03	.029	23	.08
9	.02	.02		.03	.03	.02	.02	.03	.03	.02	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.03	.02	.02	.027	23	.06
10*	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.05	.05	.04	.05	.03	.03		.03	.03	.03	.031	22	.06
11*	.03	.02		.03	.03	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.05				.03	.03	.03	.03	.03	.032	20	.06
12	.04	.05		.05	.04	.03	.03	.03	.03		.06	.05	.05	.06	.05	.05	.05	.05	.03	.03	.03	.03	.02	.02	.039	22	.07
13	.03	.04		.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03		.03	.02	.02	.02	.02	.02	.02	.03	.02	.027	22	.04
14	.03	.03		.03	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.04	.03	.03	.03	.02	.02	.03	.02	.02	.028	23	.05
15	.03	.03		.04	.02	.02	.03	.03	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.029	23	.05
16	.03	.03		.03	.02	.02	.02	.03	.03	.03		.04	.04	.04	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.029	22	.06
17*	.02	.02		.02	.02	.02	.02	.02	.03	.03	.03	.04	.04	.05	.05	.05	.05	.06	.04	.04	.03	.03	.03	.03	.032	23	.06
18*	.03	.03		.02	.03	.03	.03	.03	.03	.03	.02	.05	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.032	23	.05
19	.02	.02		.02	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02	.03	.02	.01	.02	.01	.01	.01	.02	.01	.02	.023	23	.05
20	.02	.03		.03	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.025	23	.05
21	.02	.02		.02	.04	.03	.03	.04	.04	.04	.04	.07	.08	.09	.08	.07	.08	.10							.050	17	.13
22																											
23	.02	.02		.02	.02	.01	.01	.01	.02	.02	.03	.03	.03	.03	.04	.03		.04	.04	.03	.02	.02	.02	.02	.023	22	.05
24*	.02	.02		.01	.01	.02	.02	.02	.03	.03	.04	.04	.04	.05	.05	.05	.06	.04	.04	.04	.04	.03	.03	.03	.033	23	.08
25*	.04	.03		.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.04	.03	.03	.03	.02	.02	.03	.02	.02	.02	.026	23	.06
26	.02	.03		.03	.02	.02	.02	.03	.02	.01	.02	.02	.02	.03	.03	.03	.04	.03	.03	.02	.04	.03	.02	.02	.025	23	.06
27	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.02	.04	.03	.03	.03	.03	.02	.02	.02	.02	.02	.025	23	.08
28	.01	.01		.01	.01	.02	.02	.02	.02	.03	.03	.03	.03	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.024	23	.04
29	.02	.02		.02	.02	.02	.03	.03		.04	.04	.04	.05	.05	.05	.05	.05	.04	.03	.03	.03	.03	.03	.05	.034	22	.07
30	.09	.05		.03	.03	.02	.02	.03	.04	.05	.05	.07	.06	.06	.06	.05	.05	.05	.04	.02	.02	.02	.02	.02	.041	23	.11
MEAN	.03	.03		.02	.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.029		
NO.	29	29		28	29	29	29	29	28	27	28	29	29	29	28	29	27	28	27	28	27	28	28	28		650	
MAX	.09	.09		.05	.04	.03	.03	.04	.04	.05	.06	.07	.08	.09	.08	.07	.08	.10	.05	.05	.04	.03	.04	.05	.050		.15

* Indicates Saturday or Sunday

Local standard time used

Table 3-244. MAY, 1965, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	AM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	PM 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1*	.02	.02		.03	.03	.02	.02	.03	.03	.03	.02	.03	.05	.06	.06	.05	.03	.02	.03	.02	.02	.02	.02	.02	.030	23	.09
2*	.02	.02		.02	.02	.02	.02	.02	.02	.03	.06	.12	.12	.09	.12	.14	.16	.16	.12	.11	.06	.04	.03	.04	.068	23	.18
3																											
4																											
5																											
6																											
7																											
8*																											
9*																											
10																											
11																											
12																											
13																											
14																											
15*																											
16*																											
17																											
18																											
19																											
20																											
21																											
22*																											
23*																											
24																											
25																											
26																											
27																											
28																											
29*																											
30*																											
31																											
MEAN																											
NO	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		46	
MAX	.02	.02		.03	.03	.02	.02	.03	.03	.03	.06	.12	.12	.09	.12	.14	.16	.16	.12	.11	.06	.04	.03	.04	.068		.18

* Indicates Saturday or Sunday
Local standard time used

Table 3-245. JULY, 1965, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A M												P M												DAILY MEAN	NO OF HRS	5-MIN MAX
	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12			
1																											
2																											
3*																											
4*																											
5																											
6																											
7																											
8																											
9																											
10*																											
11*																											
12																											
13																											
14																											
15																											
16																											
17*																											
18*																											
19	.01	.01		.03	.03	.02	.02	.02		.03	.04	.06	.05	.05	.05	.05	.05	.05	.04	.03	.02	.01	.02	.02	.032	22	.06
20	.03	.03		.03	.02	.02	.02	.02	.03	.03	.03	.03	.04	.05	.05	.05	.05	.04	.04	.02	.03	.03	.02	.02	.031	23	.06
21	.02	.02		.02	.02	.02	.02	.03	.03	.04	.04	.05	.05		.07	.07	.09	.08	.07	.05	.04	.03	.03	.05	.042	22	.11
22	.04	.02		.03	.02	.02	.02	.02	.03	.05	.06	.09	.08	.07		.06		.08	.09	.08	.07	.07	.05	.05	.052	21	.10
23	.04	.03		.03	.04	.04	.04				.06	.06	.07	.08	.08	.07	.06	.07	.06	.05	.04	.04	.03	.02	.049	20	.10
24*	.02	.02		.04	.04	.03	.03	.02	.01	.01	.03	.06	.09	.11	.09	.10	.09	.12	.09	.07	.03	.01	.01	.01	.048	23	.13
25*	.01	.02			.02	.02	.02	.04	.05	.06	.07	.07	.07	.07	.07	.07	.07	.07	.06	.05	.04	.03		.03	.047	21	.09
26	.03	.03		.05	.04	.02	.02	.02	.03	.04			.06	.06	.07	.06	.07	.07	.06	.05	.04	.04	.03	.02	.042	21	.08
27	.03	.03		.02	.01	.02	.01	.02	.01	.03	.04	.04	.04	.05	.07	.06	.06	.04	.04	.02	.02	.02	.03	.03	.032	23	.09
28	.02	.04		.02	.01	.00	.01	.01	.05	.06	.06	.06	.07	.06	.06	.04	.05	.05	.06	.05	.05	.04	.02	.02	.038	23	.08
29	.02	.02		.02	.02	.02	.01	.01	.03	.04	.05	.06	.07	.13	.09	.10	.12	.12	.09	.06	.06	.02	.02	.02	.052	23	.14
30	.02	.02		.02	.02	.01	.01	.01				.07	.09	.07	.06	.04	.03	.03	.03	.03	.03	.03	.02	.02	.033	20	.11
31*	.02	.02		.01	.01	.02	.02	.02	.03	.03	.06			.10	.11	.10	.08	.07	.05	.05	.05	.04	.02	.02	.043	21	.12
MEAN																											
NO	13	13		12	13	13	13	12	10	11	11	11	12	12	12	13	12	13	13	13	13	13	12	13		283	
MAX	.04	.04		.05	.04	.04	.04	.04	.05	.06	.07	.09	.09	.13	.11	.10	.12	.12	.09	.08	.07	.07	.05	.05	.052		.14

* Indicates Saturday or Sunday

Local standard time used

Table 3-246. AUGUST, 1965. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN. MAX
1*	.02	.02		.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.03	.02	.03	.03	.03	.02	.03	.03	.03	.03	.04	.022	23	.04
2	.04	.04		.04	.03	.02	.01	.01	.00	.03	.04	.04	.05	.06	.07	.06	.07	.06	.06	.05	.03	.03	.03	.02	.038	23	.09
3	.02	.02		.03	.02	.02	.02	.02	.03	.03	.04	.04	.05	.05	.05	.05	.05	.05	.05	.04	.03	.02	.02	.02	.033	23	.06
4	.03	.02		.02	.02	.02	.03	.03	.07	.14	.08	.08	.08	.07	.07	.07	.07	.07	.06	.05	.03	.03	.03	.03	.052	23	.17
5	.03	.03		.03	.03	.03	.02	.01	.04	.05	.04	.03	.03	.04	.04	.04	.06	.08	.06	.05	.05	.05	.04	.03	.040	23	.08
6	.03	.03		.03	.03	.02	.03	.02	.07	.07	.06	.06	.06	.07	.07	.08	.07	.06	.06	.04	.03	.03	.03	.02	.046	23	.08
7*	.02	.02		.02	.02	.02	.02	.02	.02	.02		.07	.07	.06	.06	.06	.06	.06	.06	.05	.04	.04	.03	.03	.039	22	.08
8*	.04	.04			.05	.04	.04	.04	.04	.04	.04	.04	.04	.04	.04	.05	.05	.04	.03	.03	.02	.02	.02	.02	.036	22	.05
9	.01	.02		.02	.02	.01	.01	.02	.01	.02	.03	.02	.03	.03	.03	.03	.03	.03	.02	.03	.03	.02	.02	.02	.021	23	.04
10	.01	.01		.00	.01	.01	.00	.00	.02	.04	.05	.05	.05	.05	.06	.05	.05	.03	.04	.04	.02	.02	.01	.01	.027	23	.07
11	.01	.01		.01	.02	.01	.01	.01	.01	.02	.02	.03	.03	.03			.02	.03	.03	.02	.01	.01	.01	.02	.018	21	.04
12	.02	.02		.02	.02	.02	.02	.02	.04			.06	.06	.07	.08	.08	.09	.09	.07	.05	.04	.03	.04	.04	.046	21	.10
13	.05	.05		.03	.02	.02	.02	.02	.05	.06	.07	.07	.07	.08	.08	.08	.09	.07	.05	.03	.02	.02	.02	.01	.047	23	.11
14*	.02	.01		.02	.02	.01	.01	.03	.05	.06	.07	.06	.07	.09	.10	.11	.10	.09	.09	.06	.05	.04	.03	.03	.053	23	.12
15*	.03	.03			.02	.02	.01	.04	.07	.11	.14	.16	.18	.17	.15	.16	.21	.18	.11	.08	.07	.05	.05	.03	.093	22	.22
16	.02	.03		.01	.02	.02	.02	.03	.04	.06	.11	.14	.15	.16	.17	.15	.13	.13	.09	.06	.06	.06	.05	.03	.075	23	.18
17	.01	.00		.01	.02	.01	.01	.01	.03	.07	.09	.11	.11	.10	.09	.10	.11	.09	.07	.04	.05	.04	.03	.04	.054	23	.13
18	.04	.04		.03	.03	.02	.02	.01	.03	.04	.05	.07	.08	.07	.08	.09	.09	.07	.07	.05	.04	.04	.04	.04	.048	23	.09
19	.03	.01		.03	.03	.02	.02	.01	.03	.03			.06	.07	.06	.06	.06	.05	.04	.04	.03	.02	.01	.01	.034	21	.08
20	.01	.02		.03	.03	.02	.02	.02	.02	.03	.03	.03	.04	.04	.05	.04	.04	.04	.03	.00	.00	.00	.01	.01	.024	23	.06
21*	.01	.00		.01	.01	.01	.01	.01	.02	.04	.05	.05	.08	.08	.10	.09	.07	.08	.07	.06	.06	.04	.06	.05	.045	23	.12
22*	.05	.03			.06	.06	.05	.04	.04	.03	.03	.02	.03	.02	.02	.02	.02	.02	.02	.01	.01	.01	.01	.02	.029	22	.07
23	.02	.02		.01	.01	.01	.00					.03	.04	.07	.08	.07	.05	.05	.03	.02	.01	.01	.00	.00	.027	19	.09
24	.01	.01		.01	.01	.00	.01	.01	.02	.03	.04	.05	.05	.05	.06	.06	.07	.05	.03	.02	.02	.02	.01	.01	.027	23	.08
25	.01	.01		.00	.00	.00	.00				.05	.14	.14	.15	.11		.08	.08	.08	.08	.07	.06	.08	.08	.064	19	.16
26	.07	.08		.08	.07	.07	.05	.06	.05	.05	.06	.07	.06	.06	.09	.10	.07	.05	.02	.02	.01	.01	.02	.01	.052	23	.12
27	.02	.02		.02	.01	.01	.00	.01	.04	.05			.06	.07	.06	.06	.06	.07	.04	.02	.01	.01	.03	.04	.033	21	.10
28*																											
29*																											
30																											
31	.01	.01	.01	.01	.01	.01	.01	.01	.01	.02	.05	.07	.07	.08	.07	.06	.05	.06	.06	.05	.06	.04	.03	.04	.038	24	.08
MEAN	.02	.02		.02	.02	.02	.02	.02	.03	.05	.05	.06	.07	.07	.07	.07	.07	.06	.05	.04	.03	.03	.03	.03	.041		
NO	28	28	1	25	28	28	28	26	26	25	23	26	28	28	27	26	28	28	28	28	28	28	28	28		625	
MAX	.07	.08	.01	.08	.07	.07	.05	.06	.07	.14	.14	.16	.18	.17	.17	.16	.21	.18	.11	.08	.07	.06	.08	.08	.093		.22

* Indicates Saturday or Sunday

Local standard time used

Table 3-247. SEPTEMBER, 1965, HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS	5 MIN MAX
1	.05	.06		.06	.04	.03	.03	.03	.03	.03	.04	.04	.05	.05	.05		.04	.04	.03	.03	.02	.01	.01	.01	.035	22	.07
2	.01	.01		.01	.01	.01	.00	.00	.01	.03	.03	.04	.04	.05	.04	.05	.05	.04	.02	.01	.01	.01	.02	.01	.022	23	.06
3	.00	.00		.01	.01	.00	.00	.01			.01			.09	.09	.12	.13	.11	.07	.05	.05	.04	.03	.04	.045	19	.15
4*	.02	.03		.02	.02	.02	.01	.01	.02	.02	.04	.04	.04	.05	.04	.05	.04	.04	.02	.02	.02	.02	.02	.02	.027	23	.06
5*	.02	.02			.02	.02	.02	.03	.03	.03	.03	.03	.04	.04	.04	.04	.04	.03	.03	.02	.02	.02	.02	.02	.027	22	.05
6	.02	.02		.01	.02	.02	.02	.03	.03	.04	.04	.07	.07	.08	.09	.10	.09	.07	.06	.04	.03	.02	.02	.02	.043	23	.12
7	.02	.03		.02	.02	.01	.02	.02	.03	.07	.07	.06	.08	.08	.10	.08	.08	.08	.04	.03	.07	.06	.03	.03	.049	23	.11
8	.03	.03		.02	.03	.02	.02	.03	.06	.08	.07	.07	.07	.08	.09	.09	.08	.08	.07	.04	.04	.03	.03	.04	.050	23	.10
9	.04	.04		.03	.02	.01	.01	.01	.02	.05	.06	.05	.05	.07	.07	.08	.08	.08	.06	.07	.08	.06	.03	.03	.048	23	.10
10	.03	.04		.03	.03	.01	.01	.01	.01	.02			.08	.09	.10	.10	.08	.06	.04	.04	.02	.01	.01	.01	.039	21	.12
11*	.01	.00		.01	.01	.01	.01	.03	.05	.06	.06	.06	.04	.03	.02	.03	.03	.02	.01	.01	.01	.01	.01	.01	.022	23	.06
12*	.01	.01		.01	.01	.02	.02	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01	.012	23	.02
13	.02	.02		.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.01	.00	.01	.01	.00	.00	.00	.01	.00	.00	.006	23	.02
14	.01	.01		.01	.01	.01	.00	.00	.01	.03	.02	.04	.05	.05	.05	.05	.05	.04	.05	.06	.04	.04	.04	.04	.030	23	.07
15	.04	.05		.07	.08	.04	.03	.03	.03	.04	.05	.05	.04	.05	.05	.03	.02	.02	.02	.02	.02	.02	.01	.01	.035	23	.09
16	.00	.01		.01	.01	.01	.00	.01	.04	.06	.05	.06	.08	.09	.09	.08	.09	.09	.07	.06	.04	.04	.01	.02	.043	23	.13
17	.02	.02		.02	.02	.01	.01	.01	.01	.02			.06	.07	.06	.03	.03	.03	.03	.02	.02	.02	.03	.03	.026	21	.08
18*	.01	.02		.04	.04	.02	.02	.03	.03	.05	.07	.09	.10	.11	.10	.12	.10	.09	.06	.03	.03	.02	.01	.01	.051	23	.13
19*	.00	.02		.02	.02	.01	.01	.02	.04	.07	.07	.08	.08	.09	.09	.09	.07	.07	.06	.06	.04	.04	.04	.04	.048	23	.10
20	.05	.04		.04	.03	.03	.02	.02	.02	.03	.04	.10	.14	.10	.08	.08			.06	.06	.04	.04	.04	.04	.054	15	.16
21																											
22	.01	.02		.01	.00	.00	.00	.00	.00	.02	.05	.06	.06	.05	.04			.05	.03	.03	.02	.02	.02	.02	.024	21	.07
23	.01	.02		.01	.01	.01	.01	.01	.01	.02	.03	.04					.03	.04	.03	.02	.02	.02	.01	.01	.019	19	.05
24	.02			.01	.01	.00	.00	.00	.01	.02		.04	.05	.04			.02	.01	.01	.01	.01	.01	.01	.01	.015	19	.05
25*	.01	.01		.02	.02	.02	.01	.01	.02	.02	.02			.03	.03	.03									.019	13	.04
26*												.05	.06	.05	.05	.05	.05	.04	.02	.02	.02	.02	.02	.01	.033	13	.07
27	.01	.01		.02	.02	.01	.01	.00	.01	.03	.03	.03	.03	.03	.04	.04	.03	.02	.03	.02	.01	.02	.01	.01	.019	23	.04
28	.01	.01		.01	.01	.01	.01	.01	.01	.01	.00	.03	.03	.03		.02		.01	.01	.01	.00	.00	.00	.00	.010	21	.06
29	.00	.00		.01	.01	.01	.02	.01	.00	.03	.04	.06	.06	.07	.07		.04	.04	.03	.03	.03	.03	.02	.03	.028	22	.10
30	.02	.02		.02	.02	.02	.02			.01	.01	.01	.01	.01	.02	.01	.01	.03	.03	.03	.03	.02	.01	.02	.018	21	.04
MEAN	.02	.02		.02	.02	.01	.01	.01	.02	.03	.04	.05	.05	.06	.06	.06	.05	.05	.04	.03	.03	.02	.02	.02	.031		
NO.	28	27		27	28	28	28	27	26	27	25	25	26	28	26	24	25	27	27	27	27	27	27	27		614	
MAX	.05	.06		.07	.08	.04	.03	.03	.06	.08	.07	.10	.14	.11	.10	.12	.13	.11	.07	.07	.08	.06	.04	.04	.054		.16

* Indicates Saturday or Sunday

Local standard time used

Table 3-248. OCTOBER, 1965. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

Day of Month	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	Daily Mean	No. of Hrs.	5 Min. Max.
1	.02	.02		.03	.04	.04	.03	.02	.03	.03	.03			.03	.02	.02	.02	.02	.01	.00	.01	.01	.02	.01	.021	21	.04
2*	.01	.01		.01	.01	.01	.01	.02	.03	.03	.03	.03	.03	.03	.03	.04	.03	.02	.01	.02	.02	.02	.02	.02	.021	23	.04
3*	.02	.01			.01	.01	.02	.02	.03	.04	.05	.05	.04					.04	.03	.02	.02	.02	.03	.03	.027	18	.06
4	.03	.03		.03	.02	.02	.02	.02	.03	.03	.03	.04	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.02	.028	23	.05
5	.02					.03	.03	.02	.04	.04	.03	.04	.04	.04	.04	.03	.03	.03	.03	.04	.04	.06	.08	.05	.037	20	.09
6	.04	.02		.03	.03	.04	.06	.06		.04	.04	.05	.04	.04	.04	.04	.04	.04	.04	.04	.03	.03	.03	.03	.038	22	.08
7	.03	.03		.02	.03	.05	.06	.06	.04	.04	.03	.03	.03	.03	.02	.02	.02	.03	.04	.03	.03	.02	.00	.01	.029	23	.09
8	.02	.02		.01	.01	.00	.01	.01						.03		.03	.02	.03	.02	.02	.01	.02	.02	.02	.017	17	.05
9*	.01	.01		.01	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.02	.02	.01	.01	.02	.02	.019	23	.05
10*	.02	.01		.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.02	.01	.017	23	.03
11	.02	.02		.02	.02	.02	.03	.03	.02	.02	.03	.03	.04	.04	.04	.04	.04	.03	.03	.02	.03	.02	.02	.02	.025	23	.05
12	.03	.04		.02	.02	.01	.01	.01	.01	.01	.01	.02	.03	.03	.04	.03	.04	.03	.02	.03	.03	.03	.02	.02	.022	23	.04
13	.02	.02		.02	.02	.03	.05	.04	.02	.02	.03	.03	.03	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.03	.027	23	.09
14	.01	.02		.02	.03	.03	.04						.03	.04	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02	.028	18	.07
15	.02	.03		.02	.00	.01	.01	.01	.02	.03	.03	.03		.02	.02	.02	.03	.03	.02	.01	.01	.01	.00	.00	.017	22	.04
16*	.01	.00		.01	.01	.01	.00			.02	.03		.04	.04	.04	.05	.04	.03	.03	.02	.02	.02	.02	.02	.023	20	.05
17*	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.023	23	.05
18	.04	.04			.03	.04	.06	.06	.07	.02	.03	.04	.04	.05	.07	.08	.06	.04	.05	.10	.09	.07	.03	.04	.052	22	.12
19	.02	.03		.02	.02	.04	.06	.05	.04	.03	.03	.03	.03	.04	.04	.04	.03	.03	.03	.03	.03	.03	.02	.02	.032	23	.08
20	.02	.03		.02	.03	.03	.04	.03	.03	.03	.06	.07	.07	.10	.13	.14	.14	.06	.04	.03	.02	.02	.01	.02	.051	23	.17
21	.02	.01		.02	.02	.01	.01	.01	.01	.02	.02	.04	.03	.02	.03	.02	.03	.03	.02	.02	.02	.01	.00	.00	.018	23	.06
22	.01	.01		.01	.02	.01	.01	.01		.00	.00	.00	.01	.01	.01		.02	.02	.02	.02	.01	.01	.01	.00	.010	21	.02
23*	.00	.01		.01	.01	.01	.00	.00	.02	.02	.02	.02	.02	.03	.04	.04	.03	.02	.02	.02	.02	.02	.02	.01	.017	23	.05
24*	.02	.02		.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.01	.02	.02	.01	.017	23	.03
25	.01	.01		.01	.01	.02	.02	.03	.02	.01	.02	.03	.03				.03	.03	.02	.03	.03	.02	.02	.02	.021	20	.05
26	.03	.02		.02	.02	.03	.04	.05		.02	.03	.03	.04	.04	.03	.03	.03	.02	.03	.03	.03	.03	.03	.03	.029	22	.07
27	.02	.02		.02	.02	.03	.03	.03	.02			.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.022	20	.04
28	.03	.02		.02	.02	.02	.03	.02	.01	.01	.02	.02	.03	.02	.02	.02	.02	.02	.03	.03	.03	.03	.02	.02	.022	23	.05
29	.02	.02		.02	.02	.02	.02	.02		.02	.03	.02	.03	.03	.02	.03	.02	.03	.02	.02	.03	.02	.02	.02	.022	22	.03
30*	.03	.02		.02	.02	.03	.04	.04	.04	.03	.03	.02	.02	.02	.04	.04	.03	.02	.03	.03	.03	.03	.09	.03	.031	23	.24
31*	.02	.03		.03	.04	.04						.04	.04	.04	.04	.04	.03	.03	.03	.03	.03	.03	.03	.03	.033	18	.05
MEAN	.02	.02		.02	.02	.02	.03	.03	.03	.02	.03	.03	.03	.03	.04	.04	.03	.03	.02	.03	.02	.02	.02	.02	.026		
NO	31	30		28	30	31	30	28	23	27	27	27	28	29	28	27	30	31	31	31	31	31	31	31		671	
MAX	.04	.04		.03	.04	.05	.06	.06	.07	.04	.06	.07	.07	.10	.13	.14	.14	.06	.05	.10	.09	.07	.09	.05	.052		.24

* Indicates Saturday or Sunday

Local standard time used

Table 3-249. NOVEMBER, 1965. HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

DAY OF MONTH	A.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	P.M. 12-1	1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12	DAILY MEAN	NO. OF HRS.	5 MIN MAX
1	.03	.03		.03	.03	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.02	.03	.03	.02	.025	23	.05
2	.02	.02		.03	.02	.02	.02	.03	.03	.03	.04	.04	.04	.04	.04	.02	.02	.02	.02	.02	.02	.02	.02	.02	.026	23	.05
3																											
4	.04	.05		.04	.04	.03	.03	.05	.04	.04	.03	.04	.04	.04			.02	.02	.02	.02	.02	.02	.02	.02	.031	21	.06
5	.02	.02		.02	.02	.02	.02	.02	.03	.03		.02	.02	.02	.02	.03	.04	.03	.02	.01	.02	.02	.02	.02	.023	22	.06
6*	.02	.02		.04	.04	.05	.04	.04	.05	.04	.03	.02	.02	.02	.02	.03	.03	.03	.02	.03	.04	.04	.04	.03	.032	23	.07
7*	.03	.03		.03	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	23	.04
8	.02	.02		.02	.02	.02	.02	.03	.03	.02	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.017	23	.04
9	.01	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.01	.02	.02	.02	.02	.02	.019	23	.04
10	.02	.01		.01	.01	.01	.01	.02	.02	.01	.01	.02	.01	.01				.02	.02	.02	.02	.02	.02	.01	.015	20	.04
11	.02	.02		.02	.02	.03	.03	.05	.05	.06	.05	.04	.04	.04	.03	.02	.03	.03	.02	.02	.03	.02	.02	.02	.031	23	.08
12	.02	.02		.02	.02	.02	.03	.04	.03	.03	.03	.02	.02	.01	.01	.03	.03	.03	.03	.02	.02	.02	.02	.01	.023	23	.05
13*	.02	.02		.02	.02	.01	.01	.02	.02	.02	.02	.01	.01	.01			.02	.02	.02	.02	.02	.02	.02	.02	.016	21	.03
14*	.02	.01			.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.01	.02	.02	.01	.02	.01	.01	.01	.017	22	.03
15	.02	.01		.01	.01	.01	.02	.03	.02	.01	.02	.01	.01	.02	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.014	23	.04
16	.02	.02		.03	.04	.03	.03	.02	.02	.02	.01	.01	.01	.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.016	23	.04
17	.01	.02		.02	.01	.02	.03	.02	.02					.01	.01	.01	.02	.02	.03	.03	.03	.02	.03	.03	.022	19	.04
18	.03	.03		.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.03	.03	.02	.03	.04	.03	.02	.025	22	.08
19	.02	.02		.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.03	.024	23	.04
20*	.03	.03		.02	.02	.03	.05	.12	.09	.04	.02	.02	.02	.02	.02	.02	.03	.02	.02	.02	.02	.02	.02	.02	.031	23	.16
21*	.02	.02			.02	.02	.02	.03	.03	.03	.02	.02	.02	.02			.04	.05	.04	.03	.04	.03	.03	.03	.027	20	.05
22	.03	.03		.03	.03	.03	.03	.04	.04	.03	.03	.02	.03	.03	.03	.02	.03	.04	.03	.03	.03	.03	.03	.02	.028	23	.05
23	.01	.01		.02	.02	.02	.03	.04	.02	.02	.02	.02	.02	.02	.02	.02	.03	.04	.03	.03	.03	.02	.02	.02	.023	23	.05
24	.02	.02		.02	.01	.02	.03	.04	.03	.02	.02	.02	.02	.02				.03	.03	.03	.02	.02	.02	.03	.02	.021	20	.05
25	.03	.03		.05	.03	.03	.04	.05	.02	.02	.02	.03	.02	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.03	.028	23	.07
26	.02	.02		.02	.02	.02	.02	.03	.02			.04	.05	.04	.04	.03	.04	.04	.03	.02	.03	.02	.02	.02	.028	21	.06
27*	.02	.02		.03	.03	.03	.03	.03	.02	.02	.02	.02	.01	.02	.03	.02	.03	.02	.02	.02	.02	.02	.02	.02	.022	23	.04
28*	.02	.02		.01	.01	.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.01	.02	.02	.02	.02	.02	.02	.01	.011	23	.03
29	.01	.02		.02	.02	.01	.01	.01	.00	.00	.00	.00	.00	.01	.01	.00	.00	.01	.01	.01	.00	.00	.00	.00	.007	23	.02
30	.01	.01		.01	.01	.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.01	.01	.01	.006	23	.02
MEAN	.02	.02		.02	.02	.02	.02	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.022		
NO.	29	29		27	29	29	29	29	29	27	26	28	28	29	24	24	26	29	29	29	29	29	29	29		645	
MAX	.04	.05		.05	.04	.05	.05	.12	.09	.06	.05	.04	.05	.04	.04	.03	.04	.05	.04	.03	.04	.04	.04	.03	.032		.16

* Indicates Saturday or Sunday

Local standard time used

Table 3-250 DECEMBER 1985 HOURLY AVERAGE TOTAL OXIDANT CONCENTRATIONS (ppm)

Potassium Iodide Analysis

1	.01	.01		.01	.01	.01	.01	.01	.01	.01	.01	.01	.02				.01	.02	.01	.01	.01	.01	.01	.011	20	.02
2	.01	.00		.01	.01	.01	.00	.00	.00	.00							.03	.02	.02	.02	.03	.03	.27	.019	16	.12
3	.04	.04		.02	.03	.03	.02	.03	.03				.03	.03	.02	.02	.03	.03	.03	.02	.03	.02	.02	.020	19	.11
4*	.02	.02		.02	.02	.02	.02	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.023	23	.04
5*	.02	.02		.02	.02	.02	.01	.01	.02	.02	.02	.02	.02	.01	.01	.02	.01	.02	.01	.01	.02	.01	.01	.016	23	.03
6	.01	.01		.02	.02	.02	.01	.02	.03	.01	.01	.02	.02	.02	.02	.02	.01	.02	.02	.02	.01	.02	.02	.02	.017	23	.04
7	.02	.01		.02	.02	.02	.01	.01	.01	.01	.02	.02	.02		.01	.01	.02	.02	.02	.02	.02	.03	.05	.06	.021	22	.09
8	.04	.09		.01	.01	.01	.02	.02	.02	.02	.01	.01	.01	.01	.01	.01	.02	.03	.09	.02	.03	.02	.02	.02	.018	23	.08
9	.02	.02		.01	.01	.02	.02	.04	.04	.03	.02	.01	.02	.01			.03	.04	.03	.02	.03	.03	.02	.023	20	.07
10	.02	.02		.01	.01	.01	.02	.03	.04	.04	.03	.02	.03	.02	.02	.03	.03	.05	.05	.09	.08	.10	.11	.14	.044	23	.15
11*	.05	.03		.02	.02	.03	.04	.04	.03	.03	.03	.03	.03	.02	.03	.03	.04	.04	.05	.05	.05	.05	.03	.03	.035	23	.15
12*	.04	.04		.01	.01	.01	.02	.02	.02	.02	.02	.02	.01	.01	.02	.01	.03	.03	.04						.022	18	.05
13																												
14	.02	.02		.01	.02	.02	.03	.05	.05	.04	.02	.03	.02	.02	.02	.03	.03	.03	.02	.01	.02	.02	.01	.01	.023	23	.07
15	.01	.01		.01	.01	.01	.01	.03	.02	.01	.01	.01	.01	.01			.02	.02	.02	.01	.01	.02	.02	.01	.014	21	.04
16	.01	.01		.01	.01	.01	.01	.04	.04	.04	.02	.02	.01	.01			.02	.03	.04	.06	.03	.01	.04	.024	20	.15
17	.04	.01		.01	.01	.01	.02	.03	.03	.03	.02	.01	.01	.02			.02	.02	.01	.01	.01	.01	.01	.016	20	.08
18*	.01	.01		.01	.01	.01	.01	.01	.02	.01	.02	.01	.01	.01			.01	.01	.02	.02	.02	.02	.02	.013	21	.03
19*	.02	.02			.02	.02	.02	.03	.03	.03								.04	.03	.04	.03	.02	.03	.026	14	.05
20	.01	.01		.01	.01	.01	.01	.00	.00	.00	.01			.01	.01	.01	.01	.01	.01	.01	.00	.00	.00	.01	.007	21	.02
21	.00	.01		.01	.01	.01	.01	.02	.02	.01	.01	.01	.01	.01			.01	.01	.01	.01	.01	.01	.01	.01	.010	21	.03
22	.01	.00		.01	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02		.03	.03	.03	.03	.03	.03	.04	.03	.02	.018	22	.05
23	.03	.02		.02	.01	.03	.03	.03	.04	.03	.04	.04	.04	.04			.06	.06	.05	.04	.04	.02	.03	.033	20	.08
24	.02	.01		.02	.02	.02	.01	.03	.03	.03	.02	.03	.03	.02			.02	.02	.02	.01	.01	.01	.01	.01	.018	21	.04
25*	.02	.02		.03	.04	.04	.04	.03	.03	.03	.02	.02	.02	.02			.02	.02	.02	.02	.01	.01	.01	.01	.023	21	.05
26*	.02	.02		.03	.03	.03	.03	.03	.03	.03	.02	.02	.02	.02		.01	.02	.01	.01	.01	.01	.01	.01	.01	.019	22	.03
27	.01	.01		.01	.01	.01	.01	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.01	.01	.01	.01	.004	23	.02
28	.01	.01		.01	.01	.01	.02	.03	.02	.01	.01	.01	.01	.01	.01	.02	.02	.02	.02	.02	.02	.02	.03	.03	.015	23	.04
29	.03	.02		.01	.01	.01	.01	.02	.01	.01	.01	.01	.01	.01	.01	.01	.02	.02	.03	.02	.02	.02	.03	.03	.017	23	.04
30	.03	.02		.03	.03	.04	.03	.04	.04	.04	.02	.02	.01	.02			.03	.03	.03	.04	.03	.03	.03	.03	.028	20	.08
31	.03	.02		.01	.02	.02	.03	.04	.04	.03	.04	.04	.03	.03	.02	.02	.03	.04	.03	.03	.04	.03	.04	.02	.02	.029	23	.06
	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.02	.02	.02		.02	.02	.02	.02	.02	.02	.02	.02	.03	.020		
	30	30		29	30	30	30	30	30	29	27	26	26	27	15	17	22	29	30	29	29	29	29	29		632	
	.04	.05		.03	.04	.04	.04	.05	.05	.04	.04	.04	.04	.04	.03	.03	.04	.06	.06	.09	.08	.10	.11	.14	.044		.15

* Indicates Saturday or Sunday

Local standard time used

SOILING INDEX
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Table 3-251. DECEMBER 1962. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28	1.2	1.3	1.4	1.5	1.5	1.3	0.5	2.0	2.5	2.2	2.1	1.7			
29	1.3	3.0	2.3	3.7	2.0	2.5	1.5	1.0	1.5	1.6	2.0	1.5	1.40	12	2.0
30	0.7	0.4	0.4	0.3	0.0	0.3	0.4	2.0	1.7	0.9	1.1	0.8	1.94	12	3.7
31		0.2	0.3	0.7	0.3	0.2	0.1	0.3	0.3	0.1	0.2	0.2	0.34	12	0.7
AVG								0.5	0.5	0.3	0.4	0.4	0.39	11	0.7
N(3)														047	
MAX*													1.94		3.7

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DV)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MD)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

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Table 3-252. JANUARY, 1963. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.5	0.3	0.1	0.4	0.2	0.4	0.5	0.3	0.5	0.2	0.3	0.4	0.38	12	0.5
02	0.4	0.3	0.5	0.6	0.9	0.4	0.6	1.0	0.8	1.1	1.1	1.1	0.73	12	1.1
03	1.1	1.0	1.3	1.2	2.2	1.0	1.1	0.6	0.8	0.9	0.6	1.1	1.10	12	2.2
04	0.7	0.9	0.9	1.3	1.8	0.6	0.6	0.6	1.0	0.9	1.1	1.1	0.98	12	1.5
05	1.1	1.1	1.2	1.4	1.5	0.7	1.0	1.1	0.6	0.8	1.0	1.0	1.09	12	1.5
06	1.0	1.4	1.3	1.4	0.9	1.4	1.7	1.7	1.9	2.1	2.4	2.6	1.69	12	2.6
07	3.3	2.9	2.2	3.3	4.4	3.6	4.3	3.4	2.6	2.2	2.1	3.2	3.16	12	4.4
08	2.4	2.6	3.1	3.0	2.3	2.2	1.8	1.2	2.1	1.9	1.9	1.7	2.22	12	3.1
09	1.2	0.9	1.9	3.2	3.2	2.3	2.1	1.7	1.6	1.8	2.6	2.9	2.16	12	3.2
10	2.9	3.5	3.7	3.2	3.1	3.3	1.5	2.2	2.5	3.1	3.9	3.8	3.10	12	3.9
11	3.6	3.0	3.5	5.0	4.1	2.0	1.7	2.8	1.9	1.1	1.8	1.7	2.72	12	5.0
12	2.2	2.3	2.2	1.5	1.3	1.9	1.1	1.0	1.2	1.5	1.5	1.0	1.60	12	2.3
13	0.7	1.1	1.3	1.2	1.6	1.1	0.7	0.4	0.9	0.3	1.0	0.6	0.94	12	1.6
14	0.3	0.7	0.8	1.4	1.9	1.2	0.8	1.1	1.2	1.0	1.6	1.7	1.18	12	1.8
15	1.9	1.9	2.0	2.3	2.4	1.7	1.8	1.8	1.7	3.2	3.2	2.3	2.23	12	3.2
16	1.5	1.0	2.2	4.6	2.2	2.6	1.8	2.0	2.2	1.8	1.5	2.2	2.00	12	2.6
17	2.2	2.4	2.0	2.2	3.1	1.0	2.4	1.1	1.3	1.0	1.4	2.4	1.91	12	3.1
18	3.5	1.2	2.2	3.1	3.5	3.9	3.0	3.2	3.3	3.2	1.8	1.9	2.86	12	3.9
19	1.3	1.1	1.1	4.3	1.7	1.3	1.2	1.5	1.1	1.3	1.2	1.3	1.33	12	1.7
20	1.3	2.0	1.3	2.0	2.1	1.2	1.2	1.2	2.1	2.8	1.8	0.7	1.68	12	2.8
21	0.7	0.8	0.7	0.9	0.7	0.8	0.9	0.7	0.8	0.8	0.7	0.6	0.81	12	0.9
22	1.0	1.2	1.4	1.1	1.3	0.9	0.8	0.9	1.1	0.9	1.3	1.2	1.13	12	1.4
23	1.2	1.2	1.2	1.4	1.5	1.3	1.3	1.3	1.9	1.8	0.6	0.3	1.28	12	1.9
24	0.3	0.5	0.6	0.7	0.8	1.1	0.8	0.7	1.5	1.0	1.4	1.6	0.97	12	1.6
25	1.0	1.6	1.0	1.3	1.1	0.8		1.0	1.4	1.5	1.2	1.4	1.24	11	1.6
26	1.7	1.6	1.6	1.6	1.6	1.3	0.8	0.6	0.9	1.1	1.0	1.2	1.29	12	1.7
27															
28															
29															
30															
31															
AVG	1.50	1.48	1.58	1.86	1.94	1.53	1.42	1.35	1.49	1.51	1.53	1.57	1.56		
N(3)	26	26	26	26	26	26	25	26	26	26	26	26		311	
MAX*	3.6	3.5	3.7	5.0	4.4	3.9	4.3	3.4	3.3	3.2	3.9	3.8	3.16		5.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-253. FEBRUARY, 1963. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14						1.9	1.5	1.3	1.5	1.0	0.9	0.9	1.32	07	1.9
15	0.8	0.6	0.6	1.0	0.8	0.7	0.8	0.4	0.6	1.0	1.0	0.5	0.76	12	1.0
16	0.6	0.3	0.4		0.4	0.3	0.4	0.2	0.5	0.3	0.6	0.7	0.46	11	0.7
17	1.4	1.7	2.1	2.1	2.4	3.5	2.0	1.1	0.7	0.8	1.1	1.9	1.79	12	3.5
18	2.4	2.0	2.0	1.7	3.3	3.0	2.8	1.5	1.2	1.7	2.3	2.2	2.21	12	3.3
19	2.1	1.9	2.9	3.3	2.7	3.0	3.3	2.4	1.8	1.3	1.2	0.9	2.28	12	3.3
20	0.7	0.5	1.2	2.0	2.0	2.6	1.7	1.2	0.6	1.4	2.4	1.9	1.56	12	2.6
21	1.7	1.7	2.0	0.7	0.5	0.4			0.8	0.3	0.2	0.6	0.93	10	2.0
22	0.4	0.4	0.5	0.0	0.7	0.4	0.5	0.5	0.7	0.6	0.6	0.6	0.53	12	0.7
23	0.6	0.6	0.5	0.6	0.7	0.4	0.6	0.7	0.6	0.6	1.0		0.67	11	1.0
24															
25															
26															
27						0.5	0.5	0.7	1.1	1.0	1.6	1.6	1.04	07	1.6
28	1.8	1.6	1.9	4.4	7.1	1.6	1.5	1.2	1.4	1.6	2.1	1.4	1.75	12	2.4
AVG													2.28	130	
N(3)															3.5
MAX*															

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-254. MARCH, 1963. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.3	1.4	1.9	4.5	1.6	1.4	1.3	1.8	2.0	1.4	1.3	1.3	1.57	12	2.0
02	1.4	1.0	0.9	0.8	1.0	1.0	0.7	0.9	0.7	1.0	1.7	1.7	1.11	12	1.7
03	1.5	1.2	1.6												
04															
05															
06															
07															
08															
09															
10															
11		1.1	1.3	1.1	0.4	1.0	1.0	0.8	1.8	1.8	1.5	1.4	1.26	11	1.8
12	1.2	1.8	2.5	1.9	2.7	2.5	1.9	1.6	1.3	1.7	1.6	1.7	1.86	12	2.5
13	1.4	1.6	2.4	1.2	1.2	1.5	1.1	0.7	0.7	0.5	0.4	0.4	1.12	12	2.4
14	0.3	0.3	0.6	0.8	0.9	0.7	0.7	0.6	0.9	0.7	0.5	0.4	0.64	12	0.9
15	0.4	0.3	0.8	0.8	1.3	1.4	0.9	1.0	1.1	1.6	1.4	0.5	1.00	12	1.6
16	0.3	0.5	0.7	0.5	0.5	0.4	0.7	1.1	1.6	1.0	1.0	1.4	0.86	12	1.6
17	1.1	1.1	1.0	1.2	0.3	0.3	0.5	0.4	0.3	0.5	0.4	0.5	0.67	12	1.2
18	0.3	0.5	0.5	0.5	0.4	0.7	0.6	0.4	0.5	0.9	1.1	1.0	0.66	12	1.1
19	0.8	0.7	1.0	0.7	0.5	0.7	0.7	0.7	0.8	0.8	0.6		0.78	11	1.0
20						1.2	0.6	0.5	0.7	0.7	0.8	0.8	0.78	07	1.2
21	0.9	0.6	0.8	0.8	0.4	0.3	0.4	0.3	0.6	0.8	0.6	0.2	0.60	12	0.9
22	0.8	0.5	0.4	0.5	0.5	0.3	0.1	0.2	0.3	0.3	0.7	0.9	0.50	12	0.9
23	0.7	0.4	0.5	0.5	0.3	0.5	0.5	0.4	0.9	1.4	1.7	2.0	0.85	12	2.0
24	2.4	3.5	2.8	2.8	2.0	0.8	1.1	1.0	1.1	1.3	1.4	2.0	1.83	12	3.5
25	2.1	2.4	2.6	4.5	2.5	2.7	1.6	1.8	1.4	0.9	0.8	0.8	1.87	12	2.7
26	0.8	0.9	0.9	1.2	0.8	0.7	0.6	0.7	0.4	0.3	0.5	1.2	0.79	12	1.2
27	1.6	1.5	0.7	0.7	0.4	0.6	0.6	0.5	0.8	1.1	1.7	1.9	1.04	12	1.9
28	1.8	1.9	1.9	2.2	2.3	0.6	0.6	0.5	0.7	1.2	1.0	1.2	1.35	12	2.3
29	1.0	0.6	2.2	1.6	1.0	0.6	0.6	0.5	0.6	0.6	0.4	0.5	0.91	12	2.2
30	0.4	0.8	0.7	0.9	1.3	0.9	1.1	1.0	0.8	0.9	1.2	1.3	0.97	12	1.3
31	1.4	1.6	1.7	1.0	0.4	0.4	0.4	0.3	0.6	0.4	0.7	1.5	0.90	12	1.7
AVG	1.08	1.13	1.30	1.16	1.01	0.92	0.79	0.76	0.89	0.94	1.00	1.11	.99		
N(3)	22	22	22	22	22	23	23	23	23	23	23	22		269	
MAX*	2.4	3.5	2.8	2.8	2.5	2.7	1.9	1.8	2.0	1.8	1.7	2.0	1.88		3.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-255. APRIL, 1963. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.7	1.0	1.1	1.3	1.2	0.5	0.6	0.9	0.9	0.5	1.2	1.1	0.96	12	1.3
02	1.2	1.7	1.0	1.8	1.7	2.0	1.8	1.5	1.7	1.8	2.0	2.3	1.76	12	2.3
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13						0.6	0.4	1.0	0.2	0.3	0.1	0.3	0.45	07	1.0
14	0.2	0.3	0.5	0.7	0.7	0.5	0.8	0.6	0.7	0.2	0.2	0.3	0.51	12	0.8
15	0.5	0.5	0.7	0.2	0.6	0.8	1.1	0.9	0.4	0.4	0.4	0.6	0.64	12	1.1
16	1.1	1.0	0.8	1.0	1.0	0.6	1.0	0.9	0.6	0.7	0.8	0.7	0.89	12	1.1
17	0.9	1.0	1.1	1.0	1.3	1.1	1.9	2.1	0.5	0.8	0.6	0.6	1.11	12	2.1
18	0.8	1.0	0.6	0.8	1.0	1.2	1.1	0.7	0.7	0.8	1.0	0.7	0.91	12	1.2
19	1.5	1.2	0.8	1.0	0.3	0.3	0.3	0.4	0.3	0.4	0.2	0.6	0.66	12	1.5
20							0.5	0.5	0.4	1.0	1.1	0.6			
21	0.6	0.6	0.9	0.5	1.0	0.8	0.6	0.2	0.4	0.1	0.3	0.4	0.57	12	1.0
22	0.4	0.6	0.6	0.4	0.6	0.6	0.5	0.6	0.7	0.6	0.9	0.6	0.63	12	0.9
23	0.9	0.8	1.1	0.5	0.9	0.3	0.3	0.2	0.5	0.5	0.2	0.2	0.53	12	1.1
24	0.4	0.3	0.5	0.2	0.5	0.7	0.4	0.7	1.2	0.6	0.7	0.3	0.58	12	1.2
25	0.4	0.3	0.7	0.9	1.5										
26															
27															
28															
29															
30															
AVG															
N(3)														151	
MAX*													1.76		2.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-256. MAY, 1963. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24						0.4	0.9	0.9	0.6	0.5	0.3	0.7	0.64	07	0.9
25	0.2	0.8	1.0	4.4	1.0	0.8	0.6	0.2	0.2	0.4	0.3	0.2	0.62	12	1.4
26	0.4	0.2	0.1	0.4	0.5	0.6	0.3	0.1	0.5	0.6	0.9	0.7	0.48	12	0.9
27	0.7	0.6	1.5	1.4	0.7	0.4	0.1	0.3	0.4	0.4	0.3	0.4	0.65	12	1.5
28	0.4	0.4	1.0	1.0	0.8	0.3	0.5	0.7	0.4	0.6	0.5	0.7	0.65	12	1.0
29	0.8	0.6	0.9	0.9	1.1	0.6	1.0	0.6	0.9	0.9	1.0	0.9	0.89	12	1.1
30	0.6	0.5	0.4	0.6	0.0	0.5	0.2	0.1	0.3	0.3	0.6	0.7	0.45	12	0.7
31	0.8	0.5	0.8	0.5	0.5	0.3	0.7	0.8	0.3	0.6	0.5	0.7	0.61	12	0.8
AVG													.89	091	
N(3)															
MAX*															1.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-257. JUNE. 1963. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR)												AVG	N (1)	MAX (2)
	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200			
01	1.1	1.8	2.0	2.0	1.2	0.5			0.6	0.7	0.5	0.6	1.14	10	2.0
02	0.5	0.3	0.4	0.3	0.5	0.1	0.5	0.4	0.8	0.7	0.4	0.7	0.50	12	0.8
03	0.7	0.8	0.7	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.6	0.59	12	0.8
04	0.9	0.8	0.5	0.2	0.4	0.2	0.4	0.3	0.4	0.3	0.8	0.4	0.51	12	0.9
05	0.6	0.6	0.1	0.4	0.3	0.6	0.7	0.5	0.2	0.5	0.6	0.5	0.51	12	0.7
06	0.2	0.5	0.3	0.5	0.5	0.5	0.6	0.8	1.7	0.9	1.1	1.2	0.78	12	1.7
07	1.1	1.5	1.0	0.7	0.7	0.4	0.1	0.5	0.5	0.4	0.3	0.2	0.66	12	1.5
08	0.4	0.4	0.4	0.5	0.5	0.5	0.4	0.5	0.4	0.2		0.8	0.49	11	0.8
09	0.2	0.3	0.4	0.5						0.8	1.3	0.6	0.65	07	1.3
10	0.4	0.5	1.0	0.9	0.7	0.5	0.1	0.4	0.4	0.5	0.5	1.8	0.67	12	1.8
11	0.9	0.8	1.0	0.6	0.5	0.8	0.6	0.7	0.7	0.5	0.9	0.8	0.77	12	1.0
12	0.4	0.1	0.3	0.3	0.4	0.3			0.4	0.3	0.3	0.5	0.37	10	0.5
13	0.3	0.2	0.6	0.3	0.5	0.3	0.3	0.5	0.1	0.3	1.0	1.0	0.49	12	1.0
14	1.0	1.8	1.4	0.7	1.5	1.8	1.0	0.8	0.7	0.5	0.3	0.4	1.03	12	1.8
15	0.3	0.3	0.3	0.4	0.6	0.4	0.3	0.1	0.2	0.3	0.6	0.5	0.39	12	0.6
16	0.8	0.8	1.0	0.7	0.0	0.2	0.2		0.4	0.8	0.4	0.9	0.61	11	1.0
17	0.7	0.5	1.2	2.0	0.7	0.6	0.8	0.5	0.6	0.2	0.7	0.8	0.80	12	2.0
18	0.8	1.1	1.5	0.8	0.8	0.6	0.2		0.3	0.3	0.6	0.7	0.75	11	1.5
19	1.3	0.8	1.3	1.4	1.0	0.5	0.5	0.4	0.3	0.3	0.2	0.3	0.73	12	1.4
20		0.4	0.4	0.4	0.6	0.5	0.4	0.4	0.8	0.3	0.4	0.6	0.50	11	0.6
21	0.3	0.3	0.3	0.3	0.2		0.1	0.4	0.1	0.3	0.7	0.9	0.40	11	0.9
22	0.9	0.4	0.1	0.3	0.3	0.1	0.0	0.1	0.5	0.4	0.2	0.5	0.35	12	0.9
23	0.4	0.9	0.3	0.1	0.4				0.1	0.4	1.0	0.6	0.50	09	1.0
24	0.5	0.8	1.5	0.8	1.4	0.6	0.5	1.0	0.7	0.8	0.6	1.1	0.89	12	1.3
25	1.4	1.4	1.4	1.6	0.9	0.3	0.2	0.4	0.5	0.5	0.4	1.0	0.88	12	1.6
26	1.1	1.0	1.3	0.9	0.8	0.4	0.5	0.3	0.5	0.6	0.6	0.3	0.78	12	1.3
27	0.7	0.7	1.2	1.5	0.4	0.5	0.3	0.5	0.9	0.7	0.6	0.5	0.74	12	1.5
28	1.6	1.6	1.4	2.0	1.2	0.8	0.6						1.37	07	2.0
29							0.3	0.3	1.0	1.0	0.4	0.6			
30	0.7	0.9	0.4	0.5	1.2	0.4	0.2	0.5	0.6	0.7	0.8	0.8	0.70	12	1.2
AVG	0.72	0.76	0.81	0.75	0.67	0.49	0.39	0.47	0.50	0.48	0.60	0.71	.62		
N(3)	28	29	29	29	28	26	25	22	27	28	27	28		326	
MAX*	1.6	1.8	2.0	2.0	1.5	1.8	1.0	1.0	1.7	0.9	1.3	1.8	1.37		2.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-258. JULY, 1963. SOILING INDEX
(COH's 1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR)												AVG	N (1)	MAX (2)
	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200			
01	0.4	0.9	1.0	0.5	0.4	0.4	0.5	0.4	0.7	1.1	1.6	0.8	0.77	12	1.6
02	0.7	1.2	1.3	1.3	1.1	0.7	0.7	0.3	0.3	0.2	0.2	0.5	0.76	12	1.3
03		0.3	0.5	0.2	0.4	0.3	0.2	0.4	0.2	0.5	0.5	0.6	0.42	11	0.6
04	0.3	0.3		0.1			0.0	0.1	0.2	0.4	0.4	0.4	0.30	09	0.4
05	0.8	0.6	0.6	0.2	0.3	0.1	0.2	0.2	0.4	0.4	0.3	0.4	0.41	12	0.8
06	0.6	0.2	0.7	0.2	0.3	0.3	0.2	0.3	0.3	0.6	0.3	0.3	0.41	12	0.7
07	0.2	0.5	0.6		0.2	0.4	0.4	0.3	0.3	0.4	0.1	0.4	0.39	11	0.6
08	0.4	0.7	1.1	0.8	0.2	0.9	0.5	0.4	0.4	0.7	0.6	0.3	0.63	12	1.1
09	0.1	0.3	0.5	0.7	0.2		0.4	0.2	0.2	0.3	0.5	0.9	0.43	11	0.9
10	0.8	0.7	1.0	1.4	0.6	0.2	0.5	0.3	0.2	0.2	0.5	0.3	0.61	12	1.4
11	0.6	0.4	1.1	1.1	0.4	0.3	0.5	0.6	1.4	1.0	0.6	0.8	0.77	12	1.4
12	1.3	1.6	2.1	2.2	1.9	0.8	0.5	0.3	0.5	0.4	0.5	0.3	1.02	12	2.2
13	0.7	0.5	0.4	1.0			0.6	0.3	0.9	0.3	0.5	0.5	0.57	10	1.0
14	0.2	0.3	0.1	0.2	0.1	0.3	0.2	0.2	0.3		0.1	0.5	0.25	11	0.5
15	0.5	1.0	0.7	1.1	0.7	0.5	0.4	0.2	0.3	0.4	0.2	0.9	0.62	12	1.1
16	0.7	0.6	0.7	4.4	2.1	1.9	0.7	0.9	0.7	0.6	0.8	0.8	1.04	12	2.1
17	0.2	0.6	0.5	0.9	1.1	1.1	0.9	0.5	0.4	0.6	0.4	0.7	0.70	12	1.1
18	1.2	0.9	1.0	4.3	1.1	0.7	0.6	0.5	0.5	0.4	0.3	0.5	0.79	12	1.3
19	0.5	0.8	0.8	0.7	1.0	0.7	0.2	0.6	0.5	0.6	0.6	0.9	0.68	12	1.0
20	0.9	0.5	0.1	4.3	0.2	0.3	0.6	0.3	0.2	0.5	0.6	0.7	0.48	12	0.9
21	0.5	0.3	0.6	4.5	0.1	0.4	0.1	0.2	0.4	0.6	0.8	0.7	0.47	12	0.8
22	0.4	0.6	0.7	0.9	1.0	0.8	0.9	0.7	0.5	0.4	0.6	0.6	0.72	12	1.0
23	0.7	0.9	0.9	1.0	0.9	1.0	0.7	0.9	0.9	0.4	0.6	0.7	0.84	12	1.0
24	0.6	0.7	0.8	0.9	0.8	0.8	0.6	0.9	0.8	0.5	0.5	0.8	0.78	12	0.9
25	1.0	1.2	1.2	4.6	0.9	0.7	0.8	1.3	1.3	0.3	0.4	1.4	1.04	12	1.6
26	1.1	0.7	0.9	1.0	0.8	0.7	0.7	0.9	0.8	0.9	1.8	1.5	1.02	12	1.8
27	0.7	0.9	0.9	1.0	0.9	0.5	0.7	0.5	0.4	0.8	0.6	0.8	0.73	12	1.0
28	1.2	0.8	0.6	0.5	0.7	0.1	0.4	0.3	0.3	0.3	0.9	0.6	0.61	12	1.2
29	0.3	0.6	0.8	0.8	0.6	0.9	0.3	0.2	0.0	0.5	0.8	0.6	0.59	12	0.9
30	0.0	0.8	0.5	0.5	0.4	0.5	0.5	0.3	0.2	0.4	0.9	1.0	0.62	12	1.0
31	0.3	0.4	0.6	1.0	1.2	1.0									
AVG	0.64	0.68	0.78	0.83	0.48	0.60	0.48	0.45	0.47	0.50	0.57	0.67	.00		
N(3)	29	30	29	29	28	27	30	30	30	29	30	30		351	
MAX*	1.3	1.6	2.1	2.2	2.1	1.9	0.9	1.3	1.4	1.1	1.8	1.5	1.04		2.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-259 NOVEMBER 1963. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01									2.0	1.1	0.8	1.1			
02	0.5	0.4	0.0	0.0	0.0	1.2	0.8	0.7	1.3	1.1	1.2	1.1	0.93	12	1.3
03	1.4	1.1	1.4	1.0	0.7	1.0	0.3	0.6	1.5	1.5	1.9	2.1	1.28	12	2.1
04	2.2	1.9	2.9	2.0	2.8	2.2	1.4	1.1	1.5	1.5	1.5	1.9	1.97	12	2.8
05	1.4	1.2	1.3	1.7	1.8	1.5	0.9	1.1	0.8	1.1	1.0	1.4	1.32	12	1.8
06	1.0	1.0	0.8	1.5	1.5	1.2	1.1	1.6	1.7	1.2	0.6	0.7	1.21	12	1.7
07	0.2	0.3	0.6	0.8	1.4	1.4	1.2	1.2	1.2	0.9	1.0	0.8	0.96	12	1.4
08	0.2	0.4	0.2	0.5	0.6	0.8	1.4	1.2	1.7	1.7	1.5	1.8	1.04	12	1.8
09	1.3	1.3	1.4	1.4	1.2	0.3	0.2	0.3	0.2	0.9	1.5	2.3	1.05	12	2.3
10	1.5	1.1	1.5	1.5	0.9	0.5	0.9	0.7	1.3	0.9	1.1	0.9	1.10	12	1.5
11	0.9	1.3	1.0	1.8	1.2	1.0	0.8	1.0	1.2	1.7	3.4	2.0	1.45	12	3.4
12	1.7	1.9	1.9	1.3	1.1	1.3	1.5	1.1	1.0	1.3	1.0	1.6	1.42	12	1.9
13	1.7	2.6	2.2	0.8	0.8	1.1	1.2	1.3	1.5	1.4	1.3	0.9	1.45	12	2.6
14	1.1	1.3	1.4	1.0	0.9	1.1	1.6	1.2	1.3	1.6	1.5	0.8	1.28	12	1.6
15	0.5	0.8	0.4	0.6	0.7	0.8	1.1	1.4	1.4	1.2	1.2	1.8	1.07	12	1.8
16	1.8	1.5	1.3	0.2			1.5	1.0	1.4	1.9	1.2	1.5	1.35	10	1.9
17	1.2	1.3	1.7	1.5	1.5	1.4	1.0	0.9	1.2	1.2	0.8	1.4	1.31	12	1.7
18	1.4	0.5	1.6	2.3	0.1	0.2	0.3	0.4	0.2	0.4	0.3	0.3	0.70	12	2.3
19	0.2	0.1	0.4	0.3	0.6	0.5	0.4						0.41	07	0.6
20															
21															
22															
23															
24															
25															
26								1.0	1.8	0.9	1.3	1.1			
27	1.7	1.5	2.5	3.0	2.5	0.8	1.0	1.8	1.5	1.9	2.5	3.8	2.08	12	3.8
28	3.7	2.5	2.0	1.8	1.5	1.1	0.7	1.0	0.8	0.7	1.2	0.7	1.52	12	3.7
29	0.7	0.9	1.3	1.4	1.3	1.1	0.7	1.0	1.1	0.7	0.6	0.5	0.97	12	1.4
30	0.3	0.5	0.8	0.9	0.6	1.1	0.9	1.3	0.3	0.8	0.9	1.0	0.83	12	1.3
AVG	1.19	1.15	1.32	1.30	1.16	1.02	0.95	1.04	1.14	1.21	1.30	1.39	1.17		
N(3)	22	22	22	22	21	21	22	21	21	21	21	21		297	
MAX*	3.7	2.6	2.5	3.0	2.8	2.2	1.8	1.8	1.7	1.9	3.4	3.8	2.08		3.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-26D DECEMBER 1963 SOILING INDEX
(COH x 1000 linear feet)

DAY OF MONTH	TIME (STARTING HOUR)												AVG	N (1)	MAX (2)
	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200			
01	0.4	0.9	1.2	1.0	0.2	1.1	0.8	0.9	0.9	1.2	1.9	1.8	1.04	12	1.8
02	2.9	1.6	1.8	2.2	3.7	1.5	1.7	1.8	1.8	1.2	1.4	1.6	1.87	12	2.9
03	2.9	4.5	2.9	4.0	3.9	2.6	2.0	1.8	1.7	1.4	1.3	1.0	2.29	12	4.0
04	1.1	0.5	0.9	1.1	3.7	1.8	2.0	2.2	2.1	2.9	1.8	1.3	1.72	12	2.9
05	1.9	1.9	1.8	2.0	3.1	3.3	2.2	2.2	2.7	2.5	2.3	1.9	2.26	12	3.3
06	2.2	2.2	1.8	2.7	3.4	2.3	2.9	2.3	3.2	3.2	0.1		2.24	11	3.2
07		0.1	0.1			2.0	1.9	1.9	2.0	2.1	2.1	2.5	1.68	09	2.5
08	2.2	1.9	2.0	4.6	2.0	1.6	1.2	1.1	1.1	0.9	0.8	0.7	1.55	12	2.6
09	0.5	0.6	1.0	1.6	1.4	1.3	0.8	1.0	1.0	1.0	1.1	1.2	1.25	12	1.8
10	0.7	1.1	0.7	1.9	1.0	1.5	1.2	1.0	1.7	1.1	1.2	1.3	1.38	12	1.9
11	1.3	1.0	0.7	1.2	1.4	1.1	1.9	1.2	1.0	1.6	1.0	1.0	1.35	12	1.9
12	2.1	2.2	1.9	2.2	3.4	4.1	2.6	2.9	4.9	1.4	2.1	2.8	2.47	12	4.1
13	2.7	1.8	1.6	2.9	3.6	3.5	3.5	3.1	2.6	2.6	1.8	2.5	2.60	12	3.6
14	2.9	2.5	2.7	2.4	3.1	2.1	2.1	1.7	2.0	1.2	1.3	1.6	2.15	12	3.1
15	1.7	1.6	1.7	1.5	1.4	1.5	1.9	0.9	1.6	2.4	1.7	1.9	1.68	12	2.4
16	2.1	2.4	2.4	4.6	2.0	1.3	0.8	0.8	2.0	2.3	1.9	2.4	1.96	12	2.4
17	2.0	2.4	2.5	2.9	3.7	1.7	2.0	2.3	2.2	2.3	2.7	2.7	2.38	12	2.9
18	2.9	2.3	1.6	1.9	2.6	2.0	2.0	2.5	2.8	2.1	1.9	1.2	2.12	12	2.8
19	1.5	1.9	1.7	1.9	1.8	1.5	1.9	1.6	2.6	1.6	1.9	1.6	1.83	12	2.6
20	1.6	2.7	2.1	3.0	3.1	2.0	2.2	2.2	2.1	2.5	2.0	1.6	2.30	12	3.1
21	1.5	2.1	2.5	1.9	1.7	0.7	0.7	0.6	0.6	0.8	0.9	0.8	1.25	12	2.5
22	1.0	1.1	0.9	2.2	2.6	1.1	1.0	1.3	2.9	3.4	2.8	3.4	1.98	12	3.4
23	4.0	2.8	4.1	4.7	4.3	3.9	3.6	3.1	2.7				3.73	09	4.7
24						2.3	2.2	1.0	2.2	1.9	2.1	2.2	2.03	09	2.3
25	2.7	1.7	1.4	1.6	1.3	1.3	0.9	1.5	1.2	1.4	2.1	2.2	1.66	12	2.7
26	2.7	3.5	3.5	3.8	3.6	2.2	1.6	2.3	3.6	5.3	4.3	5.3	3.52	12	5.3
27	6.3	4.3	4.2	3.1	3.4	3.4	3.1	3.4	3.9	3.4	3.2	2.1	3.71	12	6.3
28	3.3	2.7	1.8	1.4	1.9	1.3	1.1	1.7	1.4	2.2	2.2	2.0	1.93	12	3.3
29	2.0	1.7	1.4	1.6	1.2	1.4	1.4	0.8	1.5	1.7	1.8	1.4	1.54	12	2.0
30	1.7	1.2	1.5	0.6	1.4	1.2	0.7	1.0	2.3	1.5	1.8	1.4	1.53	12	2.1
31	3.2	4.0	4.7	6.2	4.8	3.7	2.5						4.20	09	6.2
AVG	2.17	1.97	1.96	2.36	2.35	2.00	1.77	1.77	2.10	2.05	1.83	1.98	2.09		
N(3)	29	30	30	29	29	31	31	30	30	29	29	28		355	
MAX*	4.3	4.3	4.7	6.2	4.8	4.1	3.6	3.4	3.9	5.3	4.3	5.3	4.20		6.3

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (Dv)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (Mn)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-261. JANUARY, 1964. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR)												AVG	N (1)	MAX (2)
	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200			
01															
02															
03	4.1	3.2	3.2	3.7	4.1	4.0	3.7	3.5	3.1	3.5	2.3	4.0			
04	3.7	2.1	1.8	2.0	1.7	0.9	0.8	1.0	4.1	4.4	3.8	3.7	3.83	12	4.4
05	0.8	0.5	1.6	1.6	2.3	1.8	1.3	1.0	1.3	1.6	1.3	1.0	1.63	12	3.7
									1.5	1.9	2.7	2.4	1.68	12	2.7
06	2.8	2.7	2.1	1.4	2.1	1.6	1.5	1.8	2.2	2.1	2.3	2.9	2.17	12	2.9
07	1.5	1.9	1.9	3.2	3.3	2.5	1.0	0.7	1.9	1.5	2.1	2.3	2.03	12	3.3
08	1.7	1.9	1.5	4.5	3.3	2.3	1.5	1.1	2.0	1.3	1.3	1.7	1.88	12	3.3
09	1.5	1.5	1.5	1.7	2.7	1.2	0.4	1.4	1.4	1.7	1.6	1.2	1.51	12	2.7
10	1.6	0.9	0.8	1.4	0.8	1.0	1.2	1.1	1.6	1.4	1.1	1.0	1.20	12	1.6
11	0.8	1.3	1.6	1.7	1.3	1.2	1.0	1.3	1.2	2.3	2.1	2.2	1.53	12	2.3
12	1.7	1.1	1.0	0.9	0.9	0.9	1.2	1.1	1.1	1.4	1.4	1.5	1.22	12	1.7
13	1.8	1.3	1.4	2.3	2.0	2.2	2.0	2.1	1.1	0.8	0.8	0.3	1.56	12	2.3
14	0.3	1.0	1.0	0.5	0.6	0.6	0.3	0.9	1.9	1.3	0.9	1.1	0.91	12	1.9
15	1.2	1.1	2.0	3.4	3.5	1.6	1.4	1.9	2.5	4.1	4.4	3.6	2.59	12	4.4
16	4.0	3.9	4.9	5.4	6.1	4.4	1.4	2.1	3.1	3.3	2.8	3.4	3.78	12	6.1
17	4.0	4.2	5.1	5.8	2.1	1.7	1.8	1.7	2.8	2.5	2.9	3.5	3.13	12	5.1
18	4.3	6.3	7.1	7.0	8.1	5.9	3.2	4.3	4.2	4.5	3.8	3.8	5.25	12	8.1
19	4.1	5.6	7.0	6.3	6.5	4.7	3.3	3.3	2.2	2.3	3.1	2.4	4.27	12	7.0
20	2.7	1.5	2.6	3.2	7.8	3.9	4.2	3.2	3.0	0.8	1.5	1.2	2.59	12	4.2
21	1.2	0.7	0.7	0.6	0.9	0.5	0.8	0.8	3.0	4.0	3.4	2.7	1.64	12	4.0
22	1.9	2.7	2.1	4.5	1.7	1.2	1.5	1.3	1.5	2.7	4.6	5.9	2.52	12	5.9
23	5.7	3.3	5.4	6.7	5.2	4.4	2.4	1.8	2.2	2.8	2.1	1.9	3.70	12	6.7
24	2.9	3.1	5.3	5.1	5.0	5.8	5.2	3.9	4.9	5.5	4.2	4.1	4.63	12	5.8
25	1.6	0.8	0.8	0.6	1.1	1.1	1.2	1.0	1.1	1.2	1.5	1.1	1.13	12	1.6
26	0.7	2.6	1.9	2.2	1.9	2.0	1.1	0.9	1.1	1.0	1.2	1.1	1.51	12	2.6
27	2.0	2.2	2.5	3.3	2.6	1.4	1.1	2.1	1.8	1.6	2.3	2.8	2.19	12	3.3
28	2.8	2.3	2.3	1.3	1.4	0.8	0.7	0.4	0.8	0.9	0.8	0.5	1.30	12	2.8
29	0.9	0.6	0.4	0.9	1.5	1.0	0.9	1.3	2.3	1.6	1.6	2.3	1.31	12	2.3
30	2.4	1.7	1.8	2.0	2.6	1.7	1.5	1.3	1.0	1.6	1.9	2.3	1.85	12	2.6
31	1.8	2.8	2.5	4.4	3.4	1.3	1.4	2.0	1.8	2.0	2.6	2.2	2.24	12	3.4
AVG	2.29	2.23	2.53	4.77	2.81	2.19	1.68	1.73	2.08	2.21	2.27	2.27	2.26		
N(3)	29	29	29	29	29	29	29	29	29	29	29	29		348	
MAX*	5.7	6.3	7.1	7.0	8.1	5.9	5.2	4.3	4.9	5.5	4.6	5.9	5.25		8.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (Dy)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (My)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-262. FEBRUARY, 1964. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	3.0	3.4	3.0	3.4	3.3	1.7	2.1	1.5	1.5	1.7	2.2	1.5	2.40	12	3.4
02	1.3	1.4	1.2	1.0	0.7	0.8	0.4	0.7	0.4	1.2	1.2	0.3	0.93	12	1.4
03	0.6	0.3	0.8	0.8	1.0	0.8	0.6	0.8	1.2	0.5	0.6	0.9	0.77	12	1.2
04	1.1	1.5	1.8	1.8	2.3	1.5	1.2	1.3	2.0	2.5	2.5	2.5	1.87	12	2.5
05	3.6	3.2	3.9	2.1	1.9	1.3	1.2	1.9	1.8	2.5	3.2	6.5	2.80	12	6.5
06	7.0	4.1	2.9	2.1	2.5	2.0	2.1	1.3	4.0	2.5	1.0	1.2	2.76	12	7.0
07	0.9	1.2	1.2	2.2	2.0	1.7	1.7	1.9	2.6	2.6	2.4	1.7	1.90	12	2.6
08	1.3	0.9	1.1	1.8	1.2	1.1	1.1	0.8	0.9	1.2	1.3	1.7	1.24	12	1.8
09	1.4	1.2	1.3	1.3	1.1	0.7	0.6	0.9	0.7	1.7	1.2	1.8	1.20	12	1.8
10	1.9	1.6	2.3	2.3	3.1	2.4	1.5	1.4	2.3	2.7	2.8	2.9	2.32	12	3.1
11	2.6	2.6	3.3	2.9	2.7	2.8	2.0	2.0	2.7	2.0	1.8	1.6	2.47	12	3.3
12	1.2	1.7	1.6	2.1	2.1	2.1									
13	3.2	3.6	4.5	5.7	4.4	2.3	2.2	2.3	3.9	2.9	3.6	3.2	3.32	12	5.7
14	2.9	2.6	2.9	2.8	1.7	1.8	1.8	1.4	1.8	1.7	2.2	2.0	2.17	12	2.9
15	1.9	2.4	1.8	2.1	1.9	1.8	2.0	2.3	1.8	1.8	1.6	1.6	1.96	12	2.4
16	1.6	1.8	1.7	1.5	1.4	1.4	1.0	0.6	0.5	0.7	0.8	0.6	1.18	12	1.8
17	0.6	0.4	0.6	0.7	0.9	0.9	1.0	1.4	1.7	2.2	6.4	4.0	1.78	12	6.4
18	3.3	2.1	2.2	2.3	2.8	2.6	2.6	2.5	2.4	1.9	1.9	1.4	2.37	12	3.3
19	0.8	0.8	1.3	1.9	1.8	1.6	1.3	1.2	2.2	1.7	1.7	1.2	1.49	12	2.2
20	1.2	0.7	0.8	1.5	0.9	0.9	1.2	1.0	1.8	1.7	0.8	1.4	1.20	12	1.8
21	1.2	1.1	1.5	2.0	1.3	0.6	0.7	0.9	1.4	1.7	1.4	1.4	1.30	12	2.0
22	1.2	0.7	1.4	2.1	1.3	0.9	0.6	0.9	0.6	1.0	1.3	1.3	1.14	12	2.1
23	1.9	1.6	1.3	1.7	0.6	1.3	0.8	1.2	1.1	2.0	2.4	2.6	1.58	12	2.6
24	3.1	2.8	2.5	3.2	3.5	3.5	1.8	1.2	1.6	1.6	1.7	1.4	2.36	12	3.5
25	1.5	2.8	2.2	4.4	2.4	1.9	1.0	1.6	1.8	1.9	2.5	2.8	2.09	12	2.8
26	3.5	4.4	6.4	5.2	3.8	3.7	2.8	2.8	2.6	2.2	1.8	0.8	3.39	12	6.4
27	0.7	1.0	1.5	1.7	1.0	1.4	0.7	0.6	1.0	0.9	1.7	1.7	1.20	12	1.7
28	1.7	1.8	3.1	4.5	3.4	1.5	1.2	1.6	2.2	1.6	1.7	1.5	2.19	12	4.5
29	1.2	0.9	1.5	1.4	0.7	0.4	0.5	0.8	0.7	2.1	3.3	3.4	1.44	12	3.4
AVG	2.00	1.88	2.14	2.30	1.98	1.61	1.34	1.38	1.75	1.81	2.03	1.96	1.84		
N(3)	28	28	28	28	28	28	28	28	28	28	28	28		336	
MAX*	7.0	4.4	6.4	5.7	4.4	3.7	2.8	2.8	4.0	2.9	6.4	6.5	3.52		7.0

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-263. MARCH, 1964, SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	3.7	3.6	3.4	2.9	3.0	2.1	2.7	2.2	2.3	2.5	2.5	3.7	2.91	12	3.7
02	4.2	3.8	4.4	5.3	5.3	1.4	1.2	1.2	1.8	2.6	2.5	1.9	3.00	12	5.3
03	1.5	2.1	3.2	3.9	4.5	4.1	2.7	2.7	2.9	2.3	4.8	6.1	3.45	12	6.1
04	5.6	6.7	6.8	6.6	3.5	1.3	1.2	0.9	1.6	1.0	1.8	1.7	3.27	12	6.8
05	0.9	1.3	0.9	0.9	1.1	0.7	1.6	1.8	1.9	0.6	0.9	1.1	1.19	12	1.9
06	0.7	0.7	1.4	1.1	0.7	0.8	1.1	0.8	1.4	1.3	2.1	3.2	1.31	12	3.2
07	3.2	2.0	2.0	1.9	1.3	1.1	0.9	1.9	2.2	2.3	2.6	2.9	2.04	12	3.2
08	3.2	3.3	2.4	1.5	1.4	1.1	1.1	0.9	0.8	0.7	1.0	1.1	1.56	12	3.3
09	1.7	2.2	2.4	3.7	3.9	2.7	3.6	2.8	2.4	1.6	1.7	1.8	2.57	12	3.9
10	2.2	3.3	4.9	5.3	5.1	4.2	1.6	1.0	1.5	0.9	0.7	1.2	2.70	12	5.3
11	0.9	0.1	0.4	0.8	0.7	0.5									
12															
13															
14															
15															
16															
17															
18															
19							0.9	0.6	1.1	0.9	0.9	1.1			
20	0.9	0.9	1.2	0.9	1.2	1.4	1.2	1.6	1.8	2.3	1.9	1.2	1.41	12	2.3
21	1.3	0.9	0.8	1.2	1.5	1.2	1.0	0.7	1.2				1.14	09	1.5
22															
23						1.0	0.5	0.8	1.2	1.5	2.2	3.2	1.52	07	3.2
24	3.7	3.5	4.2	5.6	2.9	1.1	1.0	0.9	1.3	1.1	1.4	1.1	2.37	12	5.6
25	1.1	2.7	3.3	3.5	2.6										
26										0.7	0.6	0.6			
27	0.7	0.8	0.6	0.9	0.8	0.6	0.5	0.5	0.9	0.9	1.1	1.4	0.85	12	1.4
28	1.8	1.2	1.6	1.4	1.3	0.7	0.6	1.1	0.9	0.7	1.0	1.6	1.19	12	1.8
29	1.0	1.1	1.4	1.1	0.7	0.6	0.4	0.5	0.5	0.8	0.9	1.3	0.91	12	1.4
30	0.7	1.3	1.4	1.5	1.4	0.9	0.7	0.8	0.6	0.5	0.6	0.7	0.96	12	1.5
31	0.6	0.5	0.8	0.8	0.6	0.8	0.9	1.1	1.0	0.8	1.6	1.4	0.94	12	1.6
AVG	2.08	2.17	2.43	2.58	2.23	1.46	1.28	1.27	1.48	1.35	1.73	2.03	1.81		
N(3)	18	18	18	18	18	19	19	19	19	18	18	18		220	
MAX*	5.6	6.7	6.8	6.6	5.3	4.2	3.6	2.8	2.9	2.6	4.8	6.1	3.45		6.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-264. APRIL, 1964. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.6	1.1	1.2	1.2	1.1										
02															
03										0.4	0.6	0.6			
04										1.1	1.3	1.0			
05	1.0	1.0	1.2	1.0	0.7	0.7	0.7	0.8	0.9				0.98	12	1.3
06	0.9	1.3	1.4	1.3	2.1	1.6	1.3	1.1	1.7	2.5	2.4	1.6	1.67	12	2.5
07	1.5	2.2	1.7	2.2	2.4	2.6	2.6	1.4	2.7	2.7	2.2	1.2	2.15	12	2.7
08	1.3	2.0	2.4	3.2	2.0	1.7	1.2	1.2	1.3	1.0	0.7	0.6	1.66	12	3.2
09	0.6	1.1	0.7	0.5	0.5	0.5	0.7	1.0	1.4	1.9	1.4	1.8	1.05	12	1.9
10	2.0	2.0	1.0	0.7											
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21							1.2	0.8	1.2	1.1	1.0	1.2			
22							0.7	1.0	1.1	2.0	2.2	1.6	1.21	12	2.2
23	0.8	1.1	1.3	0.9	0.8	0.4	0.1		0.5	0.6	0.7	1.2	0.83	08	1.4
24	1.4	0.9	1.0				0.8	0.6	0.8	0.6	0.5	1.2	0.81	12	1.2
25	0.7	1.0	0.7	0.7	0.9	0.8									
26	0.8	1.1	1.6	1.5	0.8	0.7	0.4	0.3	0.7	0.4	0.4	0.4	0.81	12	1.6
27	0.6	0.7	1.4	1.5	0.9	0.7	0.5	0.8	0.8	0.3	0.5	0.4	0.80	12	1.5
28	0.6	0.5	0.8	1.3	1.1	1.1	0.7	0.8	0.7	0.5	0.3	0.7	0.79	12	1.3
29	0.4	0.3	0.8	1.0	0.9	0.7	0.7	0.9	1.5	0.9	0.8	0.6	0.83	12	1.5
30	0.3	0.5	0.7	1.1	1.1	0.6									
AVG													2.15		
N(3)														140	
MAX*															3.2

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-265. MAY, 1964. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06	1.1	1.3	1.8	1.3	1.1	0.9	0.1	0.8	0.5	0.6	2.2	0.8	1.39	12	2.2
07	1.8	2.2	2.8	4.5	0.6	1.0	0.8	1.3	1.1	1.9	1.4	1.4	1.49	12	2.8
08	2.1	1.3	1.2	1.5	0.7	0.7	0.6	0.6	1.3	1.4	0.2	1.3	0.84	12	2.1
09	0.2	0.4	0.3	0.4	0.1	0.5	0.6	0.4	0.4	0.5	0.7	0.4	0.42	12	0.7
10						0.2	0.4	0.3	0.2	0.7		0.7			
11	1.1	0.6	0.7	0.5	0.6	0.5	0.6	0.7	0.7	0.8			0.73	10	1.1
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG													1.49	058	
N(3)															2.8
MAX*															

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DV)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (NO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-266. JUNE, 1964. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11							0.4	0.1	0.4	0.4	0.6	0.5			
12	0.5	0.7	1.0	4.4	1.0	0.6	0.4	0.9	0.6	0.8	0.6	0.8	0.81	12	1.4
13	0.4	0.7	0.5	0.4	0.6	0.8	0.9	0.2	0.6	0.6	0.7	0.7	0.63	12	0.9
14	0.7	0.5	0.8	0.5	0.3	0.4	0.4	0.2	0.0	0.5	0.5	0.9	0.52	12	0.9
15	0.7	0.7	1.0	1.1	0.9	1.1	0.4	0.5	0.9	1.0	1.3	0.7	0.89	12	1.3
16	0.5	0.4	0.2	0.6	0.4	0.3	0.3	0.5	0.6	0.2	0.5	0.5	0.46	12	0.6
17	0.6	0.4	0.4	0.5	0.8	0.6	0.7	0.3	0.4	0.5	0.7	1.1	0.64	12	1.1
18	1.3	1.5	1.8	2.1	1.0	0.3	0.5	0.3	0.9	0.7	1.2	0.4	1.04	12	2.1
19	0.7	0.6	0.4	1.0	1.0	0.8	1.1	1.1	0.7	0.9	1.1	0.6	0.87	12	1.1
20	0.8	0.7	1.1	1.0	0.4	1.0	0.7	0.0	0.7	0.6	0.8	1.1	0.80	12	1.1
21	0.9	0.6	1.0	1.2	0.6	0.6	0.4	0.4	0.7	0.5	1.1	0.8	0.78	12	1.2
22	0.9	1.3	1.1	1.1	1.0	0.8	0.9	1.0	1.0	0.7	0.6	0.9	0.98	12	1.3
23	0.7	0.8	0.7	1.0	0.8	0.5	0.8	1.0	0.6	0.5	0.4	0.5	0.73	12	1.0
24	0.9	0.5	0.7	1.0	1.0	0.9	0.4	0.4	1.2	1.4	1.0	0.6	0.86	12	1.4
25	1.0	0.5	1.1	0.8	0.5	0.6	0.7	0.9	0.7	0.7	1.0	1.3	0.84	12	1.3
26	0.7	1.1	1.9	1.3	0.8	0.9	0.2	0.5	0.3	0.5	1.3	1.3	0.93	12	1.9
27	0.7	0.9	0.7	1.1	0.9	0.9	0.3	0.5	0.9	1.0	0.7	0.8	0.83	12	1.1
28	0.1	0.5	0.5	0.6	0.7	0.4	0.5	0.5	0.5	0.7	1.0	1.2	0.64	12	1.2
29	1.1	0.8	1.8	1.3	1.2	0.9	0.3	0.7	0.6	0.8	1.0	0.4	0.94	12	1.8
30	0.7	0.4	1.0	1.0	1.3	0.6	0.3	0.6	0.5	0.4	0.4	1.0	0.72	12	1.3
AVG	0.73	0.71	0.93	1.00	0.81	0.68	0.53	0.55	0.65	0.68	0.83	0.82	.74		
N(3)	19	19	19	19	19	19	19	19	19	19	19	19		228	
MAX*	1.3	1.5	1.9	2.1	1.3	1.1	1.1	1.1	1.2	1.4	1.3	1.3	1.04		2.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-267. JULY, 1964. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	1.1	1.2	1.5	1.3	0.8	0.6	0.1	0.5	0.4	0.4	1.1	0.7	0.84	12	1.5
02	1.0	0.9	1.4	2.5	1.9	0.9	0.9	0.7	0.8	0.7	0.7	0.7	1.14	12	2.5
03	1.0	0.8	1.0	0.9	0.5	0.6	0.4	0.2	1.0	0.8	0.7	0.3	0.72	12	1.0
04	0.9	0.4	1.1	0.9	0.8	0.4	0.6	0.6	0.9	0.5	0.6	0.4	0.72	12	1.1
05	0.3	0.3	0.5	0.2	0.4	0.4	0.3	0.3	0.5	0.6	0.5	0.4	0.43	12	0.6
06	1.0	1.2	0.5	0.5	0.7	0.6	0.4	0.5	0.1	0.7	1.1	1.1	0.74	12	1.2
07	1.2	0.8	2.0	1.7	1.1	0.3	0.7	0.5	0.4	0.6	0.5	1.0	0.93	12	2.0
08	0.9	0.7	0.8	0.7	1.4	0.9	1.1	0.8	0.9	0.9			0.95	10	1.4
09						0.8	0.9	0.7	1.2	0.3	0.4	0.7	0.76	07	1.2
10	0.7	1.1	0.7	1.2	0.8			1.2	1.1	1.0	1.2	1.3	1.06	10	1.3
11	0.9	1.0	1.1	0.7	1.0	1.3	0.6	0.7	0.9	0.5	0.7	0.8	0.90	12	1.3
12	1.0	0.7	0.5	0.3	0.4	0.5	0.2	0.3	0.4	0.7	0.5	0.6	0.55	12	1.0
13	0.4	0.5	0.4	0.7	0.8	0.5	0.7	0.5	0.7	0.8	1.3	0.8	0.71	12	1.3
14	0.8	0.9	0.7	0.8	0.8	0.7	0.4	0.4	0.8	1.2	0.6	0.6	0.76	12	1.2
15	0.6	0.5	1.0	1.1	1.2	0.8	0.6	0.4	0.9	0.7	1.1	2.3	0.97	12	2.3
16	1.5	1.3	1.0	1.2	1.6	0.6	0.9	0.5	0.9	1.0	1.0	1.2	1.09	12	1.6
17	1.5	1.0	2.0	1.6	1.3	0.5	1.2	0.8	0.8	1.2	0.6	0.9	1.17	12	2.0
18	1.1	0.7	1.3	1.4	0.8	0.7	0.6	0.5	0.5	0.4	1.0	0.8	0.87	12	1.4
19	1.0	0.7	0.7	0.9	0.9	0.7	0.7	0.8	0.7	1.4	1.0	1.0	0.91	12	1.4
20	0.6	1.0	1.6	1.3	1.1	0.8	0.6	0.7		0.4	1.4	1.3	1.01	11	1.6
21	0.7	0.2	0.8	0.8	1.1	0.6	0.8	0.9	1.1	0.7	0.8	0.4	0.78	12	1.1
22	0.7	0.5	1.0	1.1	1.1										
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG	0.91	0.79	1.03	1.03	0.98	0.66	0.63	0.59	0.75	0.73	0.84	0.86	.81		
N(3)	20	20	20	20	20	20	20	21	20	21	20	20		242	
MAX*	1.5	1.3	2.0	2.5	1.9	1.3	1.2	1.2	1.2	1.4	1.4	2.3	1.17		2.5

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-268. DECEMBER, 1964. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15	0.5	0.6	0.3	0.2	0.2	0.0	0.3	0.3	0.5	0.7	0.6	0.8	0.46	12	0.8
16	1.2	0.5	1.0	4.5	1.7	0.8	0.7	1.1	0.8	0.9	0.2	0.7	0.98	12	1.7
17	0.4	0.6	0.2	0.3	0.1	0.2	0.8	1.1	1.2	1.5	1.6	1.4	0.81	12	1.6
18	1.5	0.7	0.2	0.5	0.7	0.3	0.5	0.5	0.5	0.2	0.4	0.3	0.56	12	1.5
19		0.4	0.4	0.3	0.1	0.1	0.1	0.2	0.2	0.5	0.2	0.2	0.27	11	0.5
20	0.4	1.0	1.0	1.4	1.0	0.8	0.8	0.8	1.7	1.1	0.9	0.7	1.01	12	1.7
21	0.6	0.3	0.7	0.5	0.5	0.4	0.7	0.8	0.6	0.5	0.8	0.3	0.60	12	0.8
22	0.5	0.3	0.7	1.4	1.2	1.3	1.1	2.0	2.6	3.1	2.7	2.5	1.66	12	3.1
23	1.8	1.7	1.9	1.9	1.9	0.9	1.0	0.8	0.4	0.2	0.5	0.2	1.13	12	1.9
24	0.1	0.1	0.5	1.8	1.8	1.7	1.7	1.7	1.6	1.9	2.4	2.3	1.50	12	2.4
25	1.7	0.7	0.6	0.3	0.3	0.0		0.1	0.1		0.2	0.9	0.53	10	1.7
26	0.7	0.1	0.4	0.1	0.5	0.4	0.4	0.3	0.1	0.2	0.2	0.9	0.41	12	0.9
27	1.2	0.7	0.4	0.4	0.3	0.2	0.5	0.7	0.9	0.6	1.0	0.8	0.67	12	1.2
28	0.4	0.5	0.2	0.1	0.2	0.3	0.5	0.7	0.8	0.5	0.5	0.2	0.45	12	0.8
29	0.1	0.2	0.0		0.1	0.4	0.1	0.5	0.8	0.6	0.7	0.6	0.41	11	0.8
30	0.8	0.9	1.0	1.3	1.2	1.3	1.2	1.6	1.5	1.2	0.3	0.2	1.09	12	1.6
31	0.1	0.2	0.3	0.2	0.1	0.2	0.1	0.0	0.3	0.1		0.1	0.19	11	0.3
AVG	0.75	0.55	0.57	0.76	0.70	0.54	0.65	0.77	0.85	0.86	0.82	0.77	.70		
N(3)	16	17	17	16	17	17	16	17	17	16	16	17		199	
MAX*	1.8	1.7	1.9	1.9	1.9	1.7	1.7	2.0	2.6	3.1	2.7	2.5	1.66		3.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-269. JANUARY, 1965. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.1	0.2	0.1	0.2	0.4	0.3	0.2	0.6	1.6	0.0	0.2	0.3	0.25	10	0.4
02	0.6	0.9	1.3	0.6	0.7	0.9	0.7	0.1	0.3	1.3	1.0	0.1	0.90	12	1.6
03	0.0	0.1		0.1	0.1					0.2	0.4	0.3	0.21	09	0.4
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG													.90	031	
N(3)															1.6
MAX*															

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-270. FEBRUARY, 1965. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23									1.5	0.9	1.0	2.0			
24	1.9	1.4	1.5	2.2	2.5	1.3	0.9	1.1	1.3	0.9	0.9	0.7	1.43	12	2.5
25	0.8	0.8	1.1	1.4	1.3	1.7	0.6	1.2	1.2	0.9	0.8	0.8	1.09	12	1.7
26	0.8	0.8	0.8	0.7	0.9	0.9	0.9	0.7	1.3	0.8	0.8	0.8	0.88	12	1.3
27	0.7	0.5	1.2	1.4	0.9	0.9	0.7	0.8	1.5	1.9	2.0	1.7	1.21	12	2.0
28	2.6	3.4	3.0	3.4	2.2	1.2	0.8	0.6	1.2	1.0	1.0	0.7	1.79	12	3.4
AVG															
N(3)													1.79	060	
MAX*															3.4

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (Dy)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (Mo)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-271. MARCH, 1965. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.8	0.6	0.7	4.5	1.0	0.7	0.5	0.6	1.2	0.9	1.6	2.2	1.07	12	2.2
02	1.9	1.1	1.6	4.5	1.7	1.8	0.8	1.5	1.8	1.7	1.3	1.9	1.68	12	2.5
03	1.9	3.9	3.9	2.7	2.1	1.7	2.8	2.9	2.3	1.7	1.6	2.1	2.50	12	3.9
04	1.8	2.4	2.9	3.1	2.0	2.5	1.6	1.4	1.4	0.9	0.8	0.8	1.93	12	3.1
05	1.0	0.9	1.1	1.4	1.2	1.3	1.4	1.1	1.0	0.7	1.1	1.2	1.17	12	1.4
06	1.2	1.2	1.8	1.4	1.2	1.3	0.6	0.4	1.2	0.9	1.1	1.1	1.16	12	1.8
07	1.1	0.9	0.8	0.9	0.8	0.3	0.4	0.3	0.3	0.4	0.8	1.0	0.71	12	1.1
08	1.3	1.6	1.7	1.2	1.2	1.2	0.3	0.5	0.7	0.8	0.7	0.7	1.09	12	1.7
09	0.6	0.2	1.1	1.0	0.8	1.0		1.0	0.7	0.5	0.8	0.4			
10															
11	0.2	0.1	0.2	0.4	0.2	0.4	0.4	0.3	0.6	0.7	1.1	0.5	0.47	12	1.1
12	0.3	0.5	0.5	1.3	0.5	0.2	0.3	0.5	0.6	0.7	0.2	0.5	0.55	12	1.3
13	0.3	0.5	0.7	1.0	0.3	0.5	0.4	0.7	0.6	0.7	1.0	1.7	0.73	12	1.7
14	1.2	1.2	1.1	1.2	0.9	0.6	0.8	0.7	1.3	1.4	1.1	1.0	1.08	12	1.4
15	1.2	0.8	0.6	0.6	0.5	0.3	0.5	0.5	1.1	0.9	0.9	1.2	0.80	12	1.2
16	1.1	1.5	1.7	2.0	1.8	1.5	0.4	0.7	0.7	0.5	0.3	0.3	1.09	12	2.0
17	0.5	0.6	0.3	1.2	0.8	0.9	0.5	1.1	1.3	0.5	0.5	1.1	0.83	12	1.3
18	1.2	0.6	1.3	1.3	1.3	1.2	1.1	0.7	1.8	1.5	1.0	1.0	1.21	12	1.8
19	0.8	1.1	0.8	0.8	0.9	0.8	0.7	0.5	0.3	0.3	0.6	0.6	0.73	12	1.1
20	0.5	0.8	0.6	0.8	1.3	1.0	0.8	1.1	0.4	0.8	0.8	0.7	0.84	12	1.3
21	0.4	0.5	1.1	0.8	0.7	0.8	0.7	0.5	0.4				0.70	09	1.1
22								1.2	1.9	1.6	0.4	0.9			
23								1.2	2.0	1.5	1.9	0.8	1.14	12	2.0
24	1.0	1.4	0.5	0.6	0.8	1.0	0.5	0.5	1.2	0.6	0.2		1.01	11	1.4
25	1.1	0.8	1.4	1.2	1.4	1.3	0.9								
26															
27															
28															
29							0.3	0.3	0.6	0.4	0.7	0.4			
30															
31	0.1	0.3	0.4	0.5	0.2	0.4	0.0	0.4	0.5	0.7	0.5	0.4	0.41	12	0.7
AVG	0.95	1.05	1.16	1.29	1.08	0.98	0.74	0.82	1.03	0.89	0.90	1.04	1.00		
N(3)	22	22	22	22	22	22	22	22	22	21	21	20		260	
MAX*	1.9	3.9	3.9	3.1	3.0	2.5	2.8	2.9	2.3	1.7	1.8	2.2	2.50		3.9

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-272. APRIL. 1965. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.4	0.4	0.7	0.8	0.2	0.6	0.4	0.9	0.8	0.5	0.6	0.6	0.63	12	0.9
02	0.5	0.4	1.0	1.0	0.6	0.9	0.7	0.7	0.4	0.1	0.5	0.1	0.60	12	1.0
03	0.2	0.3	0.1	0.3	0.1	0.5	0.2	0.2	0.4	0.2	0.2	0.2	0.28	12	0.5
04	0.8	0.4	0.4	0.4	0.3	0.4		0.3	0.8	0.6	0.6	0.8	0.56	11	0.8
05	0.7	0.7	1.1	0.8	0.8	0.4	0.4	0.6	0.9	1.4	1.8	2.6	1.06	12	2.6
06	0.7	1.2	0.7	1.7	0.4	0.0	0.5	0.8	1.3	0.6	0.9	0.6	0.82	12	1.7
07	1.1	0.3	0.4	0.9	0.8	0.8	0.7	0.6	0.6	0.7	0.5	0.4	0.69	12	1.1
08	1.4	1.1	0.8	1.1	2.5	0.8	1.2	1.0	1.3	1.6	1.2	1.2	1.31	12	2.5
09	0.6	0.4	0.8	0.3	1.1	0.5	0.5	0.0	0.6	0.3	0.8	0.3	0.57	12	1.1
10	0.6	0.2	0.4	0.1	0.5	0.5	0.2	0.2	0.2	0.4	0.3	0.7	0.41	12	0.7
11	0.4	0.7	0.8	0.9	0.5	0.3	0.2	0.5	0.5	0.8	0.8	0.5	0.62	12	0.9
12	0.5	0.4	0.8	1.5	1.3	0.8	0.6	0.1	0.5	0.5	0.3	0.6	0.68	12	1.5
13	0.2		0.4	0.3	0.7	0.1	0.2	0.1	0.6	0.4	0.3	0.1	0.34	11	0.7
14	0.2	0.1	0.2	0.0	0.4	0.5	0.3	0.3	0.5	0.7	1.0	1.0	0.48	12	1.0
15	1.4	2.0	2.2	1.1	1.2	1.0	0.6	0.5	0.7	0.4	0.4	0.5	1.03	12	2.2
16	0.7	0.8	0.9	1.4	0.4	0.7	0.4	0.2	0.4		0.3	0.2	0.63	11	1.4
17	0.2	0.4	0.7	0.5	0.1	0.2	0.4	0.2	0.7	0.6	0.8	0.8	0.52	12	0.8
18	1.0	0.6	0.2	0.6	0.4	0.4	0.4	0.1	0.2	0.4	0.2	0.7	0.46	12	1.0
19	0.3	0.6	1.2	0.8	1.4	0.9	1.4	1.0	1.0	0.5	0.6	0.5	0.87	12	1.4
20	0.5	0.6	0.7	0.9	1.0	1.1	1.1	1.1	1.6	1.3	1.2	1.7	1.11	12	1.7
21	1.7	1.5	2.4	2.3	1.9	1.2		0.7	0.7	0.9	0.7	0.5	1.36	11	2.4
22	0.6	0.6	0.7	1.2	0.7	0.8	0.3	0.7	0.4	0.4	0.4	0.4	0.63	12	1.2
23	1.0	0.6	0.8	1.2	1.3	1.2	0.7	1.1	1.7	1.2	1.0	0.9	1.12	12	1.7
24	0.6	0.5	0.2	0.4	0.5	0.3	0.5	0.3	0.2	0.4	0.3	0.3	0.40	12	0.6
25	0.6	0.3	0.5	0.2	0.7			0.4	0.0	0.4		0.4	0.44	09	0.7
26	0.3		0.7	0.7	0.6	0.8	0.5	0.8	1.0	0.8	0.8	0.6	0.72	11	1.0
27	0.6	0.6	1.0	1.1	0.9	0.7	0.8	0.4	0.6	0.4	0.7	0.3	0.71	12	1.1
28	0.3	0.8	0.3	0.4	0.5	0.6	0.4	0.3	0.5	0.2	0.6	0.7	0.50	12	0.8
29	0.7	0.3	0.3	0.6	0.3	0.1	0.1	0.2	0.2	0.4	0.5	0.7	0.42	12	0.7
30	1.2	0.7	0.8	0.9	0.6	0.0	0.4	0.4	0.1	0.3	0.3	0.1	0.53	12	1.2
AVG	0.66	0.62	0.74	0.81	0.75	0.58	0.52	0.49	0.64	0.60	0.64	0.63	.64		
N(3)	30	28	30	30	30	29	27	30	30	29	29	30		352	
MAX*	1.7	2.0	2.4	2.3	2.5	1.2	1.4	1.1	1.7	1.6	1.8	2.6	1.36		2.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-273. MAY, 1965. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	0.1	0.0	0.0	0.7	0.1	0.3	0.4	0.3	0.1	0.1	0.5	0.4	0.29	12	0.7
02		0.7	0.4	1.0	1.1	0.3	0.3	0.3	0.7	0.6	0.1	0.4	0.60	11	1.1
03	0.5	0.8	0.5	1.0	0.5	0.7	0.6						0.69	07	1.0
04															
05															
06															
07															
08															
09															
10															
11															
12															
13															
14															
15															
16															
17															
18															
19															
20															
21															
22															
23															
24															
25															
26															
27															
28															
29															
30															
31															
AVG															
N(3)														030	
MAX*													.69		1.1

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (Dv)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (NO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-274. JULY, 1965. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR)												AVG	N (1)	MAX (2)
	0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200			
01	0.0	0.5	0.4	0.4	0.3	0.3		0.3	0.1	0.0	0.1	0.5	0.31	11	0.5
02	0.3	0.4	1.2	1.8	0.9	0.2	0.2	0.2	0.3	0.3	0.3		0.60	11	1.8
03	0.2	0.2	0.4	0.4	0.2		0.3	0.9	0.8	0.9	0.6	0.9	0.57	11	0.9
04	0.9	1.1	1.2	0.8	0.4	0.8	0.5		0.4	0.4	0.4	0.3	0.69	11	1.2
05	0.3	0.7	0.6	0.7	0.3	0.6	0.5	0.4	0.4	0.7	0.6	1.0	0.61	12	1.0
06	0.5	0.7	1.3	0.9	0.9	0.3	0.8	0.5	0.4	0.6	0.8	0.8	0.75	12	1.3
07	1.1	1.1	1.2	1.1	0.4	0.5	0.7	0.2	0.4	0.4	0.2	0.3	0.67	12	1.2
08	0.3	0.7	0.9	0.8	0.4	0.6	0.4	0.6	0.5	0.3	0.7	1.1	0.66	12	1.1
09	1.8	1.9	2.6	2.3	0.9	0.5	0.4	0.6	0.4	0.5	0.4	0.3	1.09	12	2.6
10	0.1	0.8	0.7	0.4	0.4	0.2	0.4		0.6	0.6	0.7	0.9	0.57	11	0.9
11	1.1	0.5	0.6	0.3	0.6	0.2	0.7	0.3	0.7	0.4	0.3	0.9	0.58	12	1.1
12	0.9	1.1	0.9	1.0	1.2	1.5	1.1	1.1	0.9	0.8	0.8	0.8	1.06	12	1.5
13	0.8	1.8	2.9	2.1	1.7	0.4	0.5	0.5	0.8	0.1	0.3	0.4	1.07	12	2.8
14	0.9	1.0	1.1	1.0	1.3	1.3	0.8	0.7	0.9	0.9	1.1	0.8	1.03	12	1.3
15	1.0	0.4	0.7	0.8	0.5	0.7	0.5	0.7	0.8	0.3	0.6	1.2	0.71	12	1.2
16	0.7	0.5	0.7	1.7	1.1	0.4	0.5	0.4	0.5	0.7	0.6	0.5	0.75	12	1.7
17	0.5	0.8	0.9	0.6	1.0	0.5	0.5	0.3	0.4	0.3		0.3	0.60	11	1.0
18	0.5	0.2	0.4	0.6	0.7	0.6	0.4	0.3	0.7	0.4	0.6	0.6	0.53	12	0.7
19	1.1	0.8	0.5	0.2	0.5	0.2	0.3	0.4	0.4	0.1	0.8	0.4	0.50	12	1.1
20	0.1	0.0	0.5	0.5	0.2	0.3	0.1	0.5	0.4	0.3	0.9	0.8	0.42	12	0.9
21	1.5	1.1	1.4	0.9	0.5	0.6	0.5	0.1	0.6	0.5	0.7	0.6	0.78	12	1.5
22	0.8	1.0	0.8	1.8	1.7	1.2	0.5	0.7	0.3	0.3	0.7	0.6	0.90	12	1.8
23	0.6	0.3		0.9	0.8	1.0	1.1	0.9	0.9	0.3	0.3	1.0	0.77	11	1.1
24	0.4	0.5	0.5	0.8	1.2	0.3	0.8	0.7	0.9				0.74	09	1.2
25															
26															
27															
28															
29															
30															
31															
AVG	0.68	0.76	0.96	0.95	0.75	0.57	0.54	0.51	0.56	0.43	0.56	0.68	.66		
N(3)	24	24	23	24	24	23	23	22	24	23	22	22		278	
MAX*	1.8	1.9	2.8	2.3	1.7	1.5	1.1	1.1	0.9	0.9	1.1	1.2	1.09		2.8

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-275. NOVEMBER 1965, SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01															
02															
03															
04															
05															
06															
07															
08															
09															
10															
11									2.3	1.2	1.0	1.6			
12	1.8	1.7	2.7	3.7	3.8	2.2	1.3	2.2	3.0	1.2	1.2	0.9	2.18	12	3.8
13	1.5	2.1	1.9	2.2	1.7	1.3	1.5	1.3	1.0	0.9	3.0	1.7	1.72	12	3.0
14	1.0	1.8	2.1	1.8	1.0	0.1	0.4	0.5	0.8	1.7	1.1	0.9	1.13	12	2.1
15	1.0	1.3	2.0	4.4	3.1	2.0	1.3	1.6	2.6	1.6	1.2	1.3	1.81	12	3.1
16				1.3	1.8	2.4	2.0	2.9	2.0	2.6	2.2	1.7	2.13	09	2.9
17	1.5	1.6	1.2	1.7	1.3	1.4	1.3	1.2	0.8	1.0	0.7	0.3	1.20	12	1.7
18	0.6	0.8	1.2	0.7	0.7	0.5	1.1	1.3	1.0	2.0	1.6	1.5	1.12	12	2.0
19	1.6	2.4	2.5	2.9											
20															
21															
22								1.8	3.2	1.9	1.7	1.0			
23	1.0	1.2	2.0	3.2	2.7	1.4	2.3	1.8	2.5	2.6	1.7	1.3	2.02	12	3.2
24	0.4	1.3	1.2	2.3	2.9	1.4	0.9	1.1	1.8	1.7	1.5	1.8	1.55	12	2.9
25	1.7	2.7	3.3	3.9	2.4	1.6	1.0	0.4	1.4	1.0	1.5	1.7	1.93	12	3.9
26	1.8	2.2	1.9	2.7	3.8	4.6	4.6	3.4	3.6	1.8	1.5	1.8	2.83	12	4.6
27	1.3	0.9	1.2	0.7	1.1	0.8	0.8	1.2	1.0	1.8	1.8	1.7	1.23	12	1.8
28	1.5	1.2	1.4	2.3	1.8	1.2	0.6	1.3	1.4	1.9	1.5	0.8	1.45	12	2.3
29	0.8	0.7	2.0	1.8	1.9	1.0	1.1	1.4	2.0	2.3	2.2	2.3	1.68	12	2.3
30	1.4	1.2	1.1	2.2	2.2	1.4	2.0	1.2	2.2	1.8	2.0	2.6	1.82	12	2.6
AVG															
N(3)														177	
MAX*													2.83		4.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

Table 3-276. DECEMBER, 1965. SOILING INDEX
(COH's/1000 lineal feet)

DAY OF MONTH	TIME (STARTING HOUR) 0000	0200	0400	0600	0800	1000	1200	1400	1600	1800	2000	2200	AVG	N (1)	MAX (2)
01	4.3	5.1	3.8	3.3	3.4	2.3	1.7	1.8	2.9	2.6	2.2	1.9	3.00	12	5.1
02	2.2	1.8	1.7	3.2	4.6	4.5	2.0	3.1	4.1	3.5	4.8	4.2	3.35	12	4.8
03	9.0	7.1	6.3	6.8	5.3	6.1	3.9	2.5	3.5	3.3	2.6	2.8	4.97	12	9.0
04	3.7	3.2	3.5	4.6	3.4	2.3	1.2	1.2	1.7	1.8	1.1	1.4	2.47	12	4.6
05	1.2	1.5	0.9	1.7	1.3	1.0	1.5	1.4	1.5	2.2	2.4	2.5	1.65	12	2.5
06	2.3	2.6	2.6	4.2	3.4	1.7	2.8	1.9	2.1	1.1	1.2	0.5	2.24	12	4.2
07	0.9	0.8	1.5	1.5	8.5	9.6	5.2	3.1	3.6	5.2	5.9	5.8	4.34	12	9.6
08	3.1	3.4	3.8	3.8	3.4	3.9	4.4	4.8	3.7	3.9	2.4	1.5	3.55	12	4.8
09	1.7	4.2	4.0	5.6	4.8	4.5	4.0	4.3	5.8	6.4	3.8	3.3	4.40	12	6.4
10	3.1	5.3	6.1	7.3	7.7	6.2	4.0	5.6	6.9	5.8	6.4	5.5	5.86	12	7.7
11	5.3	5.1	5.4	5.2	4.4	4.5	2.3	1.5	1.1	1.5	1.1	1.9	3.31	12	5.4
12	1.8	0.7	0.8	1.3	2.3	2.2	1.9	2.6	3.3	3.8	4.7	3.0	2.39	12	4.7
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28															
29															
30															
31															
AVG															
N(3)														144	
MAX*													5.86		9.6

(1) N=NUMBER OF VALID 2-HR SPOTS
(2) MAX=MAXIMUM 2-HR COH (DY)
(3) N=DAYS WITH VALID VALUES
* MAX=MAXIMUM 2-HR COH (MO)
VALUES GREATER THAN 6.0 UNDERESTIMATE ACTUAL VALUE

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APPENDIX A
INSTRUMENTATION AND METHODS

INSTRUMENTATION

The gaseous pollutant instrumentation was developed and fabricated by Beckman Instruments, Inc., under contract with the Public Health Service, and the calibration techniques were developed by the CAMP staff. Because of difficulties encountered in field operations, CAMP personnel subsequently modified all instruments, some extensively. In addition, calibration techniques, particularly for the wet instruments, have been continuously studied and frequently revised.

The gas-measuring instruments, as modified, are thus unique. The spot tape particulate samplers at the CAMP stations are, in contrast, identical with many others used throughout the country.

SULFUR DIOXIDE

The SO_2 instrument performs conductometric analyses. A sample air stream is passed through a dilute sulfuric acid solution containing hydrogen peroxide which oxidizes SO_2 in the sample stream to H_2SO_4. The added H_2SO_4 further ionizes the solution so that any change in solution conductivity, compared to that of a reference cell, is proportional to the SO_2 concentration. The range of this instrument is 0 through 2 ppm of SO_2.

This instrument is very stable and presents few calibration difficulties. The electronics are checked daily by means of a built-in circuit that simulates 1.5 ppm SO_2. At least weekly, the air flow is manually eliminated to produce a zero condition, and at least monthly, the upscale range is statically calibrated with standard solutions. Very little drift has been experienced. At least once a year, the instrument is dynamically calibrated with standard gas mixtures. The response time of the SO_2 instrument, about 8 to 12 minutes, causes some smoothing of any concentration peaks that may occur of 10 minutes duration, or less.

The conductometric analysis is considered very accurate. Although it is sensitive to any ionizable substance, it is essentially specific for sulfur oxides (principally SO_2 but sometimes including small amounts of SO_3) since other ionizing substances probably do not occur to any significant extent in the normal urban atmosphere.

OXIDES OF NITROGEN

The NO_2 instrument is a colorimetric analyzer, incorporating Saltzman reagent to produce a magenta color that intensifies as concentration increases. The color

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is measured by a ratio photometer (operating at 545 millimicrons). The system has a 90 percent response equivalent to 1 ppm of NO_2. Such colorimetric analysis is considered accurate within 10 percent.

After the NO_2 has been extracted, the sample air stream is bubbled through an acidified potassium permanganate solution to convert NO in the stream to NO_2. It then passes into an identical NO_2 instrument which measures the original NO concentration as NO_2.

These instrument systems are subject to considerable zero drift; thus, they are purged (with carbon-filtered air) daily at a time of normally low pollutant levels. The zero correction is recorded daily and reset when drift becomes excessive. The scale range is calibrated with colored optical filters as needed, and both instruments are dynamically calibrated periodically with standard gas mixtures.

The response time of the NO_x instrument is about 15 to 20 minutes. Part of this time is required for the reaction that produces the reagent color change; the remainder is due to engineering features necessary to insure precision. Although this response time is longer than that of any other CAMP instrument, it is not considered a major problem because NO_x levels fluctuate less rapidly than those of other pollutants.

TOTAL OXIDANT

The total oxidant instrument system passes a sample air stream through a 10 percent neutral potassium iodide (KI) solution from which free iodine is released in the presence of oxidizing agents. A ratio colorimeter (operating at 345 millimicrons) measures the color intensity of the liberated iodine against a reference. The instrument, with a range of 0 through 0.5 ppm of oxidants, records the presence of any substance capable of oxidizing iodide in the KI solution, such as ozone, the peroxyacetyl nitrates, and, to a lesser extent, nitrogen dioxide, and others.

Sulfur dioxide, a reducing agent, produces a negative interference by driving the iodine released by the oxidation reaction back into solution as iodide. This interference affected the CAMP data gathered during 1962 and 1963; in 1964 the oxidant instruments in most of the CAMP cities were equipped with devices which remove SO_2 from the sample air stream to prevent the interference. These devices consist of glass U-tubes filled with filter paper saturated with a sulfuric acid solution of chromium trioxide (CrO_3).

Figure A-1 presents recorded traces of oxidant levels from two instruments operating side by side, one with and one without the SO_2 absorbing device; the simultaneous trace of SO_2 levels is also included. The interference effect is obvious; during the morning, when SO_2 levels were high, the oxidant instrument without the absorber recorded essentially no oxidant, although the other instrument

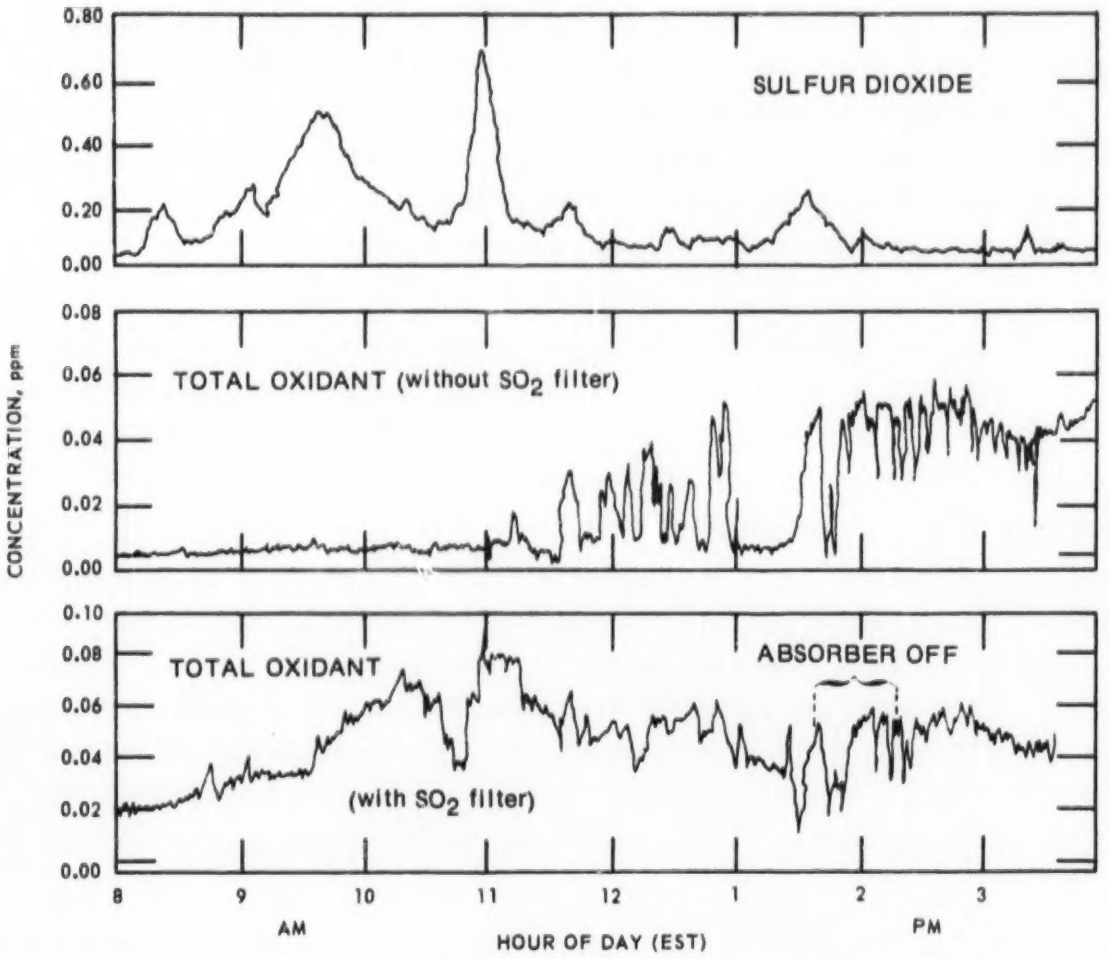

Figure A-1. Effect of sulfur dioxide on recorded total oxidant measurements.

indicated levels up to 0.08 ppm. As SO_2 levels decreased, the unfiltered instrument began to record the oxidant, and by midafternoon the two instruments were responding similarly.

The absorbing device introduced a secondary interference, however. The CrO_3 in the absorber oxidizes any NO, which normally would not react in the instrument, to NO_2, which does react with the KI solution to a slight extent. The exaggerated oxidant concentrations thus obtained are corrected to the proper level by subtraction of a certain percentage of the concurrent NO concentration. If NO data are invalid for one hour or less, the oxidant data for that time are corrected on the basis of interpolated NO concentrations; if NO data are invalid for more than an hour, the oxidant data are invalidated. This procedure is followed to prevent consistent loss of the afternoon oxidant peak because of the 2- to 3-p.m. NO instrument check. However, since the NO instrument check occasionally losts longer than one hour, a disproportionate amount of oxidant data still is lost during the early afternoon.

Nevertheless, the oxidant data gathered during 1964 and 1965 are believed to be quantitatively accurate. The data gathered during 1962 and 1963 are not comparable to subsequent data and must be used with considerable caution. Since the 1962 and 1963 data do convey some information, they are reported; however, the only definite conclusion that can be drawn from the data is that any oxidant value recorded indicates the presence in the atmosphere of a concentration that high or higher.

The total oxidant instrument system also presents sensitivity and stability problems and satisfactory data are acquired only with extensive and careful maintenance. Frequent calibration, similar to that described for the oxides of nitrogen system, and including a daily instrument purge from 1 to 2 a.m., is required.

TOTAL HYDROCARBON

The total hydrocarbon instrument uses a flame ionization detector in which the sample air stream is introduced into a hydrogen-air flame whose intense heat dissociates the hydrocarbons. The positive carbon ions produced by the dissociation are collected by an electrode above the flame, and the current produced is proportional to the number of carbon atoms ionized. The instrument sensitivity allows a scale range of 0 to 10 ppm (carbon atoms), although during 1962 through 1964 CAMP operated the instrument on a scale of 0 to 40 ppm to insure inclusion of all peak levels.

Since experience has demonstrated that a scale of 0 to 20 ppm accommodates peak values at the current sites, the hydrocarbon instruments were reset in 1965 to give a full scale reading of 20 ppm. This change also warranted increased precision; thus, beginning with the 1965 data, the 5-minute values for total hydrocarbons are reported to the nearest 0.1 ppm.

The flame ionization technique is well established and is considered very precise. Although the instrument system is normally almost instantaneous, CAMP has incorporated an integrating flask into the system to provide data averaged over about 5 minutes. The system is dynamically calibrated weekly on standardized air-methane mixtures in the near-zero ppm and 20 ppm ranges.

CARBON MONOXIDE

The CO instrument is a short-path, monobeam infrared analyzer, based on the molecular absorption of infrared radiation by carbon monoxide; it is an interesting variant of the more conventional long-path infrared analyzers. The single infrared energy beam is directed in series, as indicated in Figure A-2, through a sample cell through which the sample air stream flows, and through sample and reference compartments of a dual detector unit charged with CO-argon mixtures.

The sample detector compartment is charged with a low concentration of CO, which

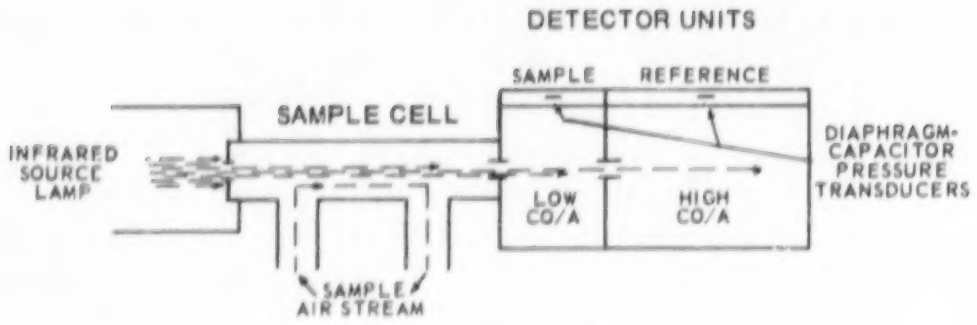

Figure A-2. Short-path monobeam infraraed analyzer.

absorbs radiant energy in an amount dependent upon the amount previously absorbed by the sample air stream. The reference detector compartment contains a high CO concentration that absorbs enough radiation to be largely unaffected by the slight fluctuations in incident energy produced by varying absorption in the sample cell and in the sample detector unit. This concentration thus provides a very stable reference, with which absorption in the sample detector is compared. In each compartment, the energy absorbed is measured by pressure transducers.

The CO instrument can have a very rapid response, but an integration time of about 5 minutes has been introduced in the same manner as in the hydrocarbon system. It is extremely sensitive along the entire range (0 to 100 ppm) and is dynamically calibrated weekly in the manner used for the hydrocarbon instrument.

Both water vapor and carbon dioxide absorb infrared radiation at wavelengths very near the absorption wavelength of CO. During 1962 and 1963, the degree of such interference was periodically measured by filtration of the sample stream through columns of silica gel and ascarite. When interferences were significant, the CO data were declared invalid and were not reported. Because of such interference, valid CO data were often sparse, and on occasion non-existent, during 1962 and 1963. In early 1964, this problem was largely eliminated by addition of an infrared filter, which narrows the radiation band to converge on the CO absorption wavelength.

DATA RETRIEVAL SYSTEM

Each of the gaseous pollutant instrument systems produces an electric output signal that drives a strip chart recorder. At 5-minute intervals, the signal is momentarily diverted to an analog-to-digital recorder that records on punched paper tape the magnitude of the signal. Thus, the basic data represent the instantaneous instrument response value recorded at 5-minute intervals.

The raw data are transferred by an automatic translator from punched paper tape to punched cards for computer use. The actual pollutant concentrations are calculated by computer from the raw data, from the station operator's logs, and from the known instrument parameters, and the results are stored on magnetic tape for subsequent analysis. Throughout the several steps of this process, the time synchronization and completeness of the data are checked by hand. All unusually high concentrations or abrupt changes in concentrations are manually checked against the recorder charts before the data are accepted as valid.

DATA ANALYSIS

The information presented in this volume is derived from the data by several analytical techniques. Some of these are common statistical methods, but others have been modified specifically for use with the CAMP data. The tremendous quantities of data have necessitated the programming of even the simplest operations for the digital computer facilities of the Robert A. Taft Sanitary Engineering Center. The application of frequency distribution analysis to the CAMP data is sufficiently specialized to warrant its description here, both as a background for the results reported in Part 2 and as an illustration of the type of additional material available on request.

A frequency distribution analysis summarized the frequency of occurrence of the various pollutant concentrations recorded. Each pollutant concentration tabulated in the frequency distribution tables is the concentration that was not exceeded by the specified percentage of the total data considered. Although such a distribution is properly termed a relative cumulative frequency distribution, the phrase "frequency distribution," or merely "distribution," is used in the text for convenience. Frequency distributions of this type provide a convenient means for determining the median pollutant concentration and the data for specific frequencies, such as the concentration exceeded 2 percent of the time, the concentration below which the pollutant level fell 10 percent of the time, etc.

The graphic presentations of frequency distributions are drawn to logarithmic-probability scales: if the logarithms of the pollutant concentrations were distributed according to a normal probability distribution, the resulting curve would be linear, and the data would be described as being log-normally distributed. The slope of a curve plotted to such scales is a function of the variance of the population of data included, with a steeper slope representing more variable pollutant levels. The curve's vertical position is determined by the magnitude of the pollutant concentrations. Thus a curve that has an inflection represents data recorded from two relatively distinct populations with differing variances or levels.

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16. Abstracts

Data on the atmospheric levels of carbon monoxide, nitric oxide, nitrogen dioxide, sulfur dioxide, total hydrocarbons, and total oxidants and on soiling index are analyzed and discussed. To facilitate the use of this volume as a reference, the data are tabulated as hourly, daily, and monthly mean concentrations. Background information about Philadelphia and a description of the instrumentation used are included.

17. Key Words and Document Analysis. (a). Descriptors

Air pollution
Urban areas
Carbon monoxide
Nitrogen oxide (NO)
Nitrogen dioxide
Sulfur dioxide
Hydrocarbons
Oxidizers
Concentration (composition)
Arithmetic mean
Periodic variations
Experimental data
Continuous sampling
Environmental surveys
Aerosols
Diurnal variations
Topography
Meteorology
Measuring instruments
Seasonal variations
Frequency distribution
Wind (meteorology)

17b. Identifiers/Open-Ended Terms

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